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MR. BRYAN TOLD FRIE CASE IS IN PRIZE COURT

Action Causes Inquiry by United States at Berlin Whether This Action Is Germany's Answer to the American Note

Special to The Christian Science Monitor from its Washington Bureau

WASHINGTON—The state department has learned officially though not directly from the German government, that the case of the American ship William P. Frye which was sunk Jan. 28 by the German auxiliary cruiser Prinz Eitel Friedrich, has been referred to a German prize court. As this proceeding is not in compliance with the American government's request in the note of May 6, Secretary Bryan has inquired of the American ambassador in Berlin whether this action is Germany's answer to the American note.

The action has caused surprise here, as the German government has not replied to the American request. It was expected that at least Germany would formally and in writing decline to accede to the American request before sending the case to the prize court.

Responsibility Acknowledged

Germany, it will be remembered, promptly acknowledged responsibility for sinking the Frye and expressed readiness to pay the damages, saying the matter would be referred at once to a prize court. The American reply expressed appreciation of Germany's prompt admission of liability but said that this government "feels that it would be inappropriate in the circumstances of this case and would involve unnecessary delay to adopt the suggestion in your note that legality of the capture and destruction, the standing of the claimants and the amount of indemnity should be submitted to a prize court."

Detention of Ships

Unlimited contraband has been found aboard the ships detained by Great Britain, bound from the United States to European ports. This may be one of the reasons for delay in settlements. This information comes from a source so high that it would be surprising if the President did not know about it.

It is even stated that the attorney for one shipper of a cargo that has been held up by the British admiralty confessed to the concealment of contraband and apologized to a certain American official for misrepresenting the ship's true contents.

While there appears no doubt that a number of bona fide American shipments have been detained for an unnecessary length of time, it also appears true that many shipments have been made from this country for purely speculative purposes with the intention of having the cargoes seized by Great Britain and seeking payment for damages on the basis of top-notch war prices.

With these facts coming to light, the American government, in its negotiations with the British government over interference with neutral shipping, undoubtedly will keep in mind that the shippers have not acted altogether in good faith.

Renewed assurance has come from the English government that American claims on cargoes detained and to be brought by Great Britain will be paid immediately upon receipt of the information sought of the shippers: namely documentary evidence of ownership by the true shippers, contract price or price expected, rate of exchange, insurance, etc.

In many cases the British authorities have been unable to locate or make sure of exactly the people to whom the money should be paid, as owners have shipped through brokers, commission houses, or dealers. The money is ready to be paid, however, just as soon as the price and payee in each case can be ascertained.

PRESIDENT BACK IN WASHINGTON

WASHINGTON—The yacht Mayflower, returning from New York with President Wilson and his party, anchored Wednesday night, in the Potomac river, below Washington, and docked early at the navy yard. The President arrived in Washington at 7 o'clock this morning.

The vessel was met at Pitney Point, Md., 90 miles down the river, by the pilot early Wednesday afternoon and could have easily have made the city by night. This was not attempted, however, it being desired to give the President another night on the water before his return to work.

PRESIDENT SENDS CONGRATULATIONS TO U. S. FLEET

Country Has Reason to Be Proud and Continue Navy Policy, Says Mr. Wilson

WASHINGTON—President Wilson today made public the message he sent from the Mayflower to the Atlantic fleet, following its departure from New York after he had reviewed it there.

The message was as follows: "I was greatly struck by the appearance of the fleet and the quiet efficiency shown by the officers and men, as I am sure every one must have been who had the pleasure of seeing it assembled at New York."

"There could have been no more interesting verification of Admiral Dewey's statement that the navy was never in a better or more efficient condition and that the country has every reason to be proud of it, not only, but every reason to go forward in its policy of steadily adding to its strength and equipment."

MOHONK PEACE MEETING HEARS SEC. GARRISON

Head of War Department Says United States Ideals Cannot Be Served Best by Minimizing Problem of Defense

MOHONK LAKE, N. Y.—Lindley M. Garrison, secretary of war, spoke at the Lake Mohonk conference on international arbitration today on "The Problem of National Defense." Secretary Garrison said many people in the United States were not inclined to face the problem squarely, and others favored immediate reduction of armaments because it was held that armaments were likely to induce the very trouble they were designed to prevent. This kind of reasoning, he said, was incomplete and mistaken. People who deprecated precautions and preparations on these grounds were apt to say: "If you are strong enough to fight, you are more likely to fight"—or, stated in the negative, "if your nation is not prepared for war, your nation will be less likely to be involved in war."

"To be perfectly frank," said Secretary Garrison, "I cannot perceive the slightest basis in reason or fact for such a contention; viewing it solely from the negative side, without now adverting to the affirmative side, which this position absolutely neglects. . . . There is no basis for any such unjust animadversion against our nation and our people. There is no better test of real strength than self-control. If we cannot trust our own strength and cannot trust ourselves to control our strength, and cannot trust ourselves not to misuse our strength, how much reliance should we, as sensible men, place upon the conduct of other nations which are strong."

Chances for Arbitration

Mr. Garrison continued: "There is one other potent factor making for neglect and inattention to the present consideration and settlement of this great subject, and that is one in which you here at this place in this association have peculiar interest. Do not misunderstand me in what I am about to say; I do not attribute any thoughtless consideration to you or your associates. I refer to those who refuse present consideration of existing conditions because of a belief or hope that by some international agreement, new conditions will obtain and new forces be brought into play. I can and do entirely sympathize with every sane and sensible movement that tends to abolish conflict and to insure peace; but I am utterly out of sympathy with the idea that we should neglect or postpone

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BRITISH CHANGE IN GOVERNMENT CONTEMPLATED

Mr. Asquith Tells House of Commons Reconstruction Will Be for War Purposes Only—Arthur Henderson for Cabinet

Special Cable to The Christian Science Monitor from its European Bureau

LONDON, Thursday—Regarding the coalition government it is stated that Arthur Henderson will take a cabinet post. The new cabinet will be specially arranged for war conditions, posts specially appropriate for war purposes being, if necessary, created.

Certain papers referring to Lord Kitchener's statement regarding the munitions supply attribute the coalition government to a possible war office change.

No cabinet appointments have been actually made but the opinion is expressed that Mr. Balfour will undoubtedly replace Mr. Churchill, who will become secretary for India; Mr. Bonar Law to replace Mr. Lloyd George who, together with Earl Kitchener, will be secretary for war; Mr. Chamberlain to replace Mr. Harcourt.

The Parliamentary Labor party met last night, when it was decided, in view of the country's crisis and because the coalition government will be for the war period and for war purposes only, to accept the prime minister's invitation that they should be represented in the new ministry. It is possible that a labor member in addition to Mr. Henderson will be nominated.

With a view to enabling the House of Commons to discuss the coalition government proposals, the Whitsuntide recess will be shortened, the House reassembling on June 3, instead of June 8, as previously arranged. On its reassembling, a declaration of confidence will be asked for. This will lead to a discussion so that pending this, announcements as to the appointment of various ministers should be accepted with reserve.

Wednesday—Referring to the reconstruction of the government in the House of Commons this afternoon, Mr. Asquith expressed a desire to say at the earliest possible moment something regarding matters which had been the subject of public report and rumor.

I cannot say more, he said, than that steps are in contemplation which involve a reconstruction of the government on a broader personal and political basis. Nothing is yet definitely arranged.

Continuing, Mr. Asquith explained that any change that takes place will not affect the offices of the head of the government or the foreign secretary. Also there is absolutely no change in contemplation as to the policy of the country regarding the continued prosecution of the war with all speed and by means of every available resource.

Mr. Asquith added also that any reconstruction made would be for the purposes of the war only and is not to be taken in any quarter for any reason as involving anything in the nature of a compromise on the part of any person or body of persons of their special political purposes and ideals.

The House of Commons will, he said in conclusion, have the fullest opportunity of expressing its opinion before the arrangement comes into effect.

Mr. Bonar Law said that the Opposition's sole consideration in taking part in any of the steps the government will take will be the one idea of finishing the war successfully.

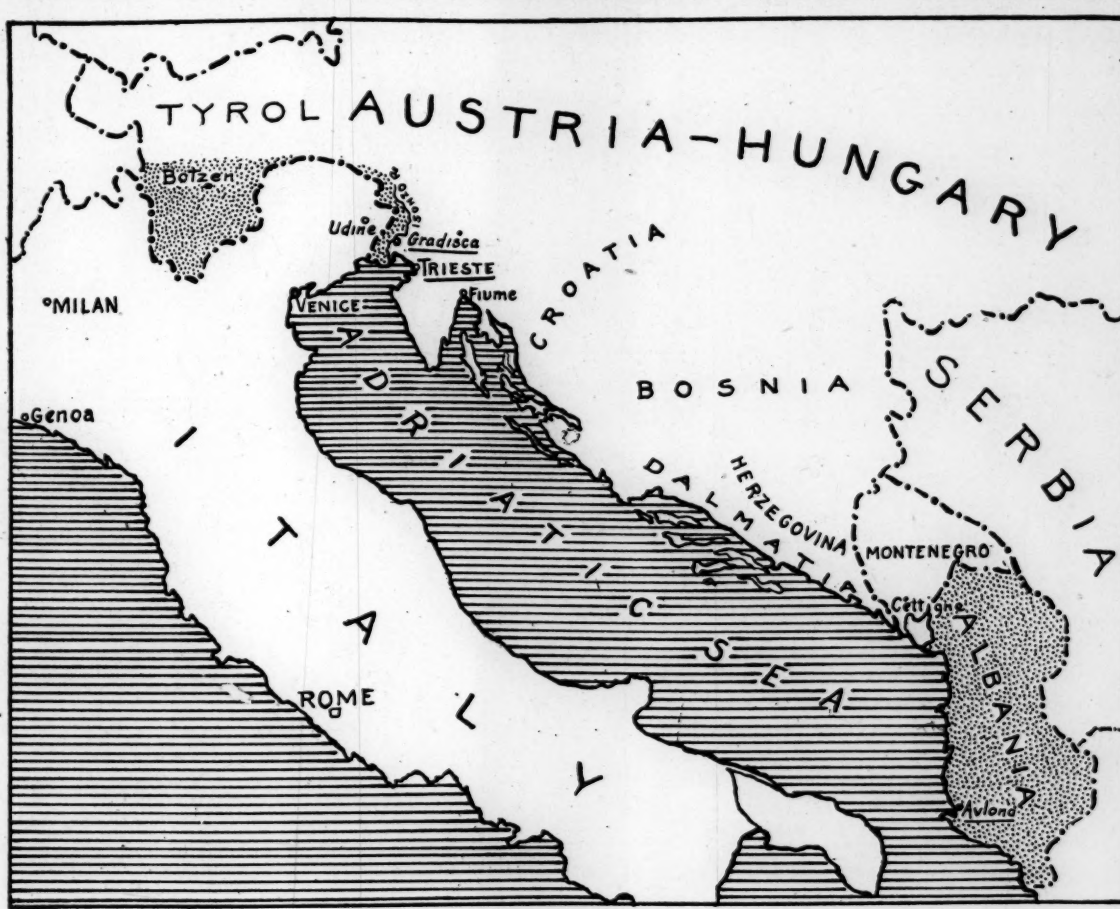
An earlier report said: Speaking in the House of Commons this afternoon, Mr. Asquith stated that steps were in contemplation involving the reconstruction of the government on a broader basis. No change of policy was contemplated.

The reconstruction must not be taken to indicate a surrender or compromise. The reconstruction would be for war purposes only.

The latest cable regarding the ministerial change, especially concerning the admiralty and the India office, will in all probability be confirmed.

Mr. Redmond is in Ireland, and it appears that the national government is

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Area shaded on map shows territory involved in concessions offered by Austria to Italy and set forth in the Reichstag by Dr. von Bethmann-Hollweg. Towns underlined are concerned in the negotiations

now fait accompli, and it would seem Mr. Redmond was not consulted.

Another report said: The ministerial situation remains unchanged, but rumors and speculations still abound. The names of the retiring ministers are still said to be the same as cabled this morning. It is affirmed in some quarters that Mr. Balfour will go to the Admiralty, Mr. Churchill to be secretary for India.

LONDON, May 19—Speaking at a Guildhall patriotic meeting today, Bonar Law, referring to the rumors of political changes and combinations of politicians, stated that such combinations would be useless, perhaps worse than useless, unless formed as a means to an end, and that end a combination of the entire nation, organized from top to bottom for the prosecution of the war to a successful termination.

GERMANS CLAIM TRENCH GAINS ON LORETTE HEIGHT

Special Cable to The Christian Science Monitor from its European Bureau

PARIS, Thursday—The latest communiqué reports that there was no action yesterday at any point of the front owing to the fog.

The French, Tuesday night, stopped an attempted attack again in Bois-le-Prete.

Wednesday—An official communiqué states that two attempted German attacks were stopped by the French fire east of Ypres.

BERLIN, Thursday—Headquarters report that north of Ypres, the fighting east of the canal favored the Germans. South of Neuve Chapelle, the British after great artillery preparations began new attacks but were repulsed.

On Lorette height, the Germans took some hostile trenches, capturing two machine guns while strong French attacks against the southern part of Neuville collapsed before the German fire, the French losing heavily.

In Bois-le-Prete, the French at midnight tried to break through but were held.

WAR PRISONERS EXCHANGE

Special Cable to The Christian Science Monitor from its European Bureau

LONDON, Thursday—The press bureau issues the correspondence between the foreign office and the British envoy to the Vatican relative to the exchange of British and German civilians unfit to bear arms. The correspondence shows that after the official acceptance of the proposal for the exchange of prisoners the German government suspended its consent until the British government were prepared to treat the commanders and crews of German submarines as prisoners of war.

Correspondence between Sir Henry Howard and the Vatican shows that the latter did all possible to induce Germany to fulfill the agreement made Feb. 26 for the exchange of civilians. Sir Henry explains that he pointed out to the cardinal secretary of state that it would be deplorable for the Vatican if the arrangement fell through after being officially published in England and Italy. His eminence agreed it would be so.

The cardinal state secretary stated also he had made urgent representations to the German government but grieved to have to announce to his Majesty's ministry that they had been ineffective. The cardinal later stated he did not see what more he could do.

BRITISH RECRUIT RULES GIVEN

Special Cable to The Christian Science Monitor from its European Bureau

LONDON, Thursday—The war office announced, in connection with Earl Kitchener's appeal for more men, the recruits enlisting in the regular army for the duration of the war shall be accepted up to the age of 40 years; minimum standard being 5 feet 2 inches for infantry. This applies also to enlistments in the territorial force.

GOV. WALSH IN VETO SAYS MILK BILL IS UNJUST

Chief Executive Declares That the Measure Would Discourage Massachusetts Production

In his veto message on the "labor clean milk" bill read in the Massachusetts Senate today, Governor Walsh declared its enactment would not improve the condition of milk in the commonwealth, "but on the contrary any such legislation is certain to injure the dairy industry materially and lead to increased cost in the price of milk."

He felt that enforcement of present laws on the subject would accomplish any good that might result from the enactment of this bill. Admitting that no measure presented to him this year has been more persistently advocated, he said he believed that many of the indorsements had been influenced by the name with which the bill has been labelled, the "labor clean milk" bill. "By using the words 'labor' and 'clean milk,' a sentiment can be aroused in any community in favor of proposed legislation," said the Governor.

In criticizing the measure as being without merit and likely to reduce further the rapidly decreasing stock of milk cows in the state, he said that the bill might well have been called: "An act to increase the price of milk and

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BRITISH REPORT ON DARDANELLES

Special Cable to The Christian Science Monitor from its European Bureau

LONDON, May 19—The press bureau issues the following statement from the general officer commanding the Mediterranean force regarding the Dardanelles operations. General Cox's brigade repulsed an attack on May 12, inflicting a heavy loss, and the following day a double company of Gurkhas advanced over half a mile. The ground thus won was consolidated despite strong counter attack. On May 16 also, howitzer batteries, assisted by aeroplanes, destroyed an ammunition wagon of the Turkish howitzers, and later made a direct hit on a gun facing the Australian and New Zealand army corps.

Turkish trenches and a new gun emplacement were demolished by the howitzer fire.

Every day sees an improvement in the Anglo-French positions, and the Turks are reported to have lost very heavily.

KING GEORGE VISITS PRINCIPAL SHIPYARDS

Special Cable to The Christian Science Monitor from its European Bureau

LONDON, Thursday—King George yesterday paid an informal visit to the principal shipyards and engineering works on the Tyne, the yards visited including those of Wallsend Slipway Engineering Works, Parsons Turbine Works, Messrs. Swan, Hunter & Wigham Richardson; Armstrong Whitworth; Hawthorn Leslie's Engineering Works and Shipyard; and the Jarrold works of the Palmer Shipbuilding Company.

FRENCH EQUIPMENT MANAGER IS NAMED

Special Cable to The Christian Science Monitor from its European Bureau

PARIS, Thursday—M. Albert Thomas, socialist deputy, has been given management of the war department dealing with the artillery and military equipment, having been appointed under secretary of state for war.

PREPARATIONS TO ENTER WAR MADE IN ITALY

Council of Ministers at Rome Discusses Among Other Questions Demand for Extraordinary Military Credit

PARLIAMENT DECIDES

Italian Journal Declares Austrian Offers Made After Time for Acceptance of Demands Had Expired—Nation With Allies

ROME, May 20—By a vote of 385 to 54, Parliament this afternoon passed the bill giving the government full power to act.

In taking this action, Parliament has given formal approval to the war program of the Salandra cabinet. The decision now rests with the ministry. Within 24 hours it is expected a definite announcement will be made.

Similar procedure was followed in 1859, when the government after receiving power from Parliament to act, declared war against Austria.

Special Cable to The Christian Science Monitor from its European Bureau

ROME, Thursday—At Tuesday's council of ministers, the questions to be submitted to Parliament today were discussed, including a demand for extraordinary military credit and the authorization for the government special control of all branches of the state administration.

The Messaggero states that documents to appear in the green book to be published shortly showing Italy's attitude at the commencement of the war and her efforts to reconcile her obligations with her aspirations were discussed at the council.

The minister for war, General Zupelli, reported favorably on the military preparations.

Referring to Dr. von Bethmann-Hollweg's announcement of the concessions offered to Italy, the Messaggero states they differ materially from those announced by Herr Erzberger.

The Giornale d'Italia points out that his statements will be completely answered in the green book and the government's statement at the Parliament opening. The Giornale adds, however, that it must be remembered that the Austrian offers were made after the time for the acceptance of Italy's demands had expired, Italy having then made engagements of honor with the triple entente.

Wednesday—It is believed that Prince Buelow and Baron Macchio either presented an ultimatum or demanded their passports during their visit to the Consulta yesterday.

Meanwhile considerable excitement prevails throughout the country and the general feeling is that the announcement of Italian participation in the war will be made within a few hours.

LONDON, May 19—A Christian Science Monitor representative was informed by the Italian embassy that they are entirely without news regarding the latest occurrences in Italy.

Thursday—Inquiry in the same quarters as yesterday elicited the reply that no further information had been received regarding the situation in Italy. There is no question, however, that a definite announcement regarding intervention is expected momentarily.

BERLIN, Thursday—Referring to the Italian situation, the Berliner Tageblatt states that in Italy the mob has conquered, Italy's idol of parliamentarism being shattered. Today, the paragraph continues, the cabinet's program will be the announced program which means a declaration of war with Austria.

CLYDE MEN ARE TO ENTER ARMS SHOPS

Special Cable to The Christian Science Monitor from its European Bureau

LONDON, Thursday—It is being arranged by the Glasgow and West of Scotland armaments committee to close five Clyde shipyards at Paisley, Bowling and Campbelltown with a view of transferring the workers to manufacture war munitions. Sir Algernon Freeman Firth, member of the war munitions committee, also stated at the British industries fair dinner, yesterday, that the war office had approved the scheme for concentrating the manufacture of war munitions in the national factories.

This scheme, he added, was already operating at Leeds and that Bradford, Keighley and Wakefield would follow suit. He expressed the hope that the whole country would be organized on a similar basis.

ALLIES' ATTITUDE ON SWEDISH NEUTRALITY

Special Cable to The Christian Science Monitor from its European Bureau

LONDON, Thursday—In answer to a question in Parliament, Mr. Primrose has stated that the British, French and Russian governments offered assurances to the Swedish government early in August that they would guarantee to respect the integrity and independence of Sweden now and in the future so long as Sweden remained neutral.

News From the Capitals—Political Doings of Nations

LORD HARDINGE REVIEWS CHIEF EVENTS IN INDIA

Viceroy Defends New Wheat Plan, Discusses War, and Reaffirms Position on Executive Council for United Provinces

(Special to The Christian Science Monitor)
CALCUTTA, India.—Addressing the Imperial Legislative Council at Delhi, at the close of the present cold weather session, Lord Hardinge, viceroy and governor-general of India, made a somewhat important speech, passing in review the chief events of the last few months, both foreign and domestic.

His most important references were, of course, to the war. The tone of the speech was markedly optimistic. "We undoubtedly undertake in this country," said Lord Hardinge, "some heavy financial responsibilities, some, indeed, from which other governments, the home government, for example, are exempt, but we are in a position to say today, after eight months of war, that these responsibilities have been fully discharged, and that the strain which was thrown upon us at the outset has now sensibly relaxed."

The viceroy defended the policy of commandeering the entire wheat supply of the country, which, as already indicated, has met with a certain amount of criticism, explaining that "while we intend to keep export under our own control, in order that prices may not be driven up again by sudden or excessive exportation, we are equally desirous of allowing our export trade to be carried on so far as is compatible with the interests of the Indian consumer. I trust," his excellency continued, "that this double object will be achieved."

Turkey

Dealing more directly with the war and that aspect of it which most nearly affects India, Lord Hardinge observed an out-spokenness with regard to Turkey which appears to indicate a departure from the attitude hitherto officially encouraged in India—an attitude of the most studious reticence, for fear of wounding Muhammadan susceptibilities.

"Turkey," he said, "is beginning to experience the folly of the policy into which she has been forced by the reckless disregard, by a small military clique under German tutelage, of her best and highest interests. On every side where the Turkish forces have been engaged in fighting they have met with reverses, and the moment is rapidly approaching when, if the Turkish government are sufficiently wise, they will throw themselves on the mercy of the Allies, and thus free themselves from the German yoke. As an indication of how little the so-called Turkish government is in touch with the real sentiments of the Turkish people, I may mention that a few weeks ago I saw a letter written by a resident in Constantinople in which, after describing the oppression and exaction of the military authorities, the confident opinion of the middle and lower classes of the Turks was expressed in the saying that it will be all right when the British fleet comes up."

Referring to his recent visit to the Persian gulf, Lord Hardinge spoke of Basra as though it were already a province of British India. "Merely the fringes of the Shat-el-Arab," he said, "have so far been cultivated, but the soil is extremely fertile, and only the most elementary schemes of irrigation are required to extend indefinitely the area under cultivation. The climate is splendid, and resembles that of the northern Punjab. I cannot conceive of a country more suitable for Indian immigration in the future, when a more settled form of government has been established."

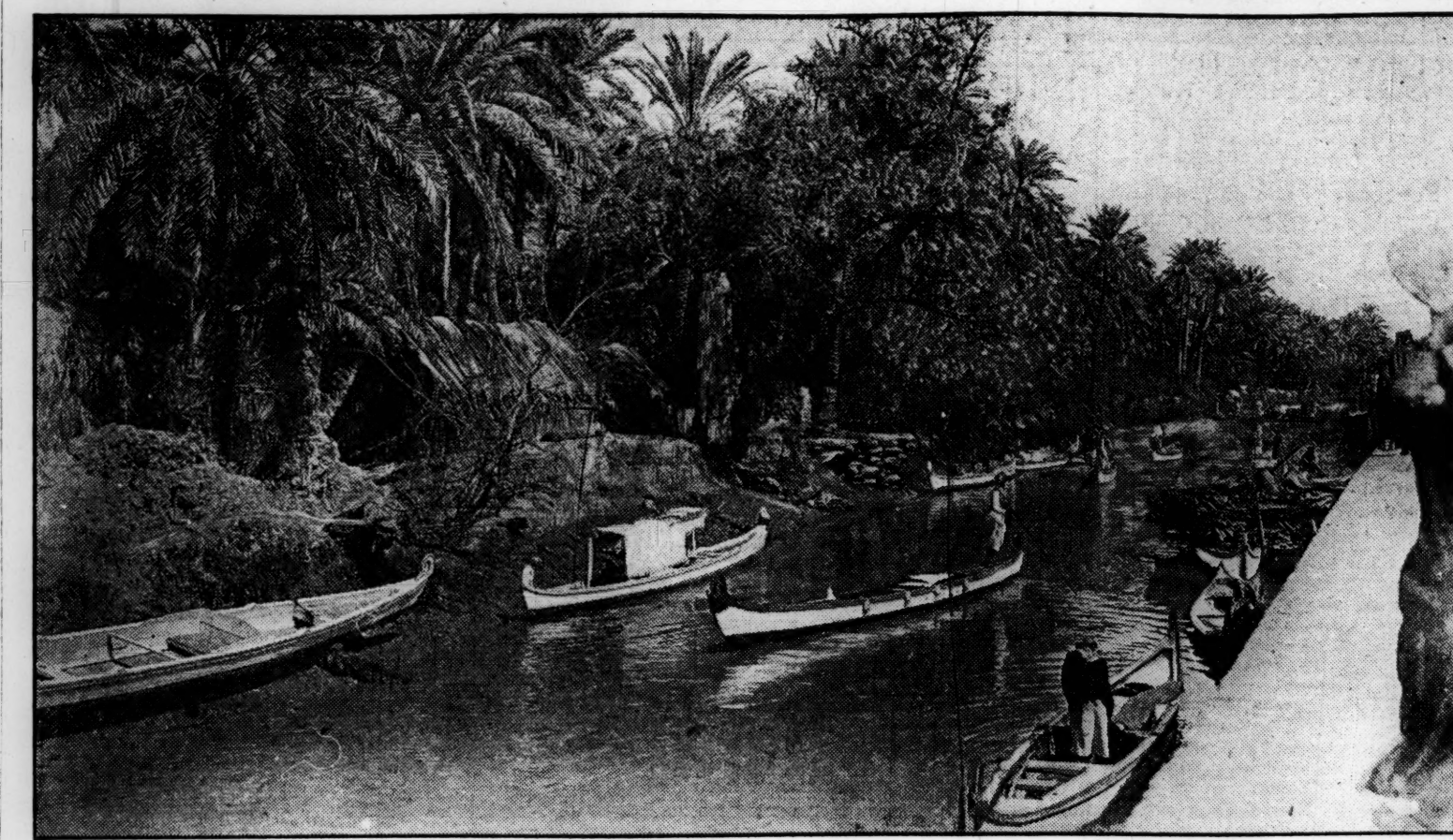
United Provinces

The viceroy concluded his speech by referring at length to the action taken by the House of Lords in rejecting the measure by which the government of India proposes to create an executive council for the United Provinces, thus bringing those provinces into line with Bengal, Bombay and Behar. It is a long time since any viceroy has expressed himself so plainly upon any action of the executive or the legislature in England.

"It may seem to you," he said, "as it does to me, a matter of serious concern that it should be within the power of a small body of peers, who perhaps, hardly realize the rate of progress made in this country during the past few years, to throw out a proposition put by the government of India, and his Majesty's government before Parliament with the full approval of Indian public opinion. It seems clear to me, in the circumstances that modification of the law by which such procedure is possible is absolutely essential, and I trust this will be recognized by his Majesty's government. Nobody can reasonably contend that with the advance of civilization, and the new questions of an ever-increasing complexity arising every day, one man government is better than council government. The policy of executive councils for local governments, by which the local administration is less dependent upon the personal equation, and which insures a greater continuity of policy, has already taken root in India, and cannot now be eradicated."

Press Comment

The viceroy finally added, "I regard the proceedings of March 16 in the House of Lords as only a temporary set-



(Copyright by Central News)

A canal scene at Basra

back, and feel as confident that the United Provinces will have its executive council within a very short period, as that the dawn will follow the night."

Several Anglo-Indian papers reprove Lord Hardinge for his references to the House of Lords, and maintain that the peers had an absolute right to put back the proposal for further consideration, seeing that many experienced Indian administrators were against it, and it is by no means certain that there was any local demand for a council. As if by way of an answer to this challenge several meetings have since been held in the United Provinces to condemn the action of the House of Lords, and to demand that the executive council shall no longer be withheld from those provinces.

With reference to the export of wheat, a notification has now been issued, formally prohibiting all exportation except on the part of the government.

ROYAL SOCIETY OF ST. GEORGE MEETS IN LONDON

(Special to The Christian Science Monitor)
LONDON.—The annual meeting of the Royal Society of St. George was held this year in the Mansion House with the lord mayor, Sir C. Johnston in the chair. The honorary secretary, Howard Ruff, read the message which the society had sent to the King on the occasion of the celebration of his name day, as well as that of St. George's, England's Day, and his Majesty's reply. He also announced that the lord mayor had received from the St. George's Society, founded in New York in 1786, a cable stating that all there of English descent were united in working and hoping for England's swift success.

In his reply, the lord mayor, thanking their American kinsmen for their message, stated that "England will not sheathe her sword, drawn in a righteous cause, until justice, honor, and truth are vindicated." The message sent out by the society to branches in all parts of the world was "The day of England dawns. Rally round the flag, the symbol of victory, the herald of peace."

Cables in reply had been received from Queensland, Sydney, Geelong, Ballarat, Durban, Port Elizabeth, Salisbury (Rhodesia), Nauwpoort (Cape Colony), Potchefstroom, Quebec, St. John's (New Brunswick), Brandon (Manitoba), London and Hamilton (Ontario), Shanghai, Tientsin, Fanning island, Huddersfield, England, and from the officers of the third Northumberland Fusiliers.

Harold Cox reminded the members that next June would be celebrated the seven hundredth anniversary of the signing of the Magna Charta, a distinctly English instrument of liberty, and special effort ought to be made to recall to all Englishmen, and indeed all lovers of liberty throughout the world, the magnificent event of Runnymede. Just as they were struggling, seven centuries ago to win their constitutional liberties, so today they were struggling to defend their national liberties and the liberties of Europe.

TUNIS AGRICULTURAL PLAN

(Special to The Christian Science Monitor)
PARIS, France.—M. Alapetite, resident general of Tunis, has written to M. Jonart, senator and president of the Pas de Calais general council, proposing that the young sons of farmers in that department should be sent to the agricultural school of Tunis to be trained in land cultivation free of charge. Those pupils who, after the war, wished to remain in Tunis, would form the nucleus of a school for the training of overseers of agricultural undertaking in various parts of the country. The scheme, M. Alapetite points out, though proposed chiefly for the benefit of a department which has been greatly affected by the war, would also help in the development of Tunis.

NEW ZEALANDERS AND AUSTRALIANS CONFERENCE PLAN

(Special to The Christian Science Monitor)
MELBOURNE, Australia.—The Victorian cabinet recently read a letter from the Federal prime minister (Rt. Hon. Andrew Fisher) in which was proposed a conference of public men of New Zealand and Australia. This proposal was the result of meetings between the prime minister during his visit to the sister dominion and Mr. Massey the New Zealand prime minister, when they discussed many matters in which both dominions were interested. The proposal was that a conference should be convened in Australia at which would be present representatives of state governments or federal government, in addition to representatives of New Zealand.

Mr. Fisher, in speaking of the proposal, stated he was glad that the Victorian cabinet had made up their minds to concur in this project. He continued, "Mr. Massey and myself discussed many serious anomalies in the relations between the Commonwealth and New Zealand which, in the opinion of both of us, could be easily cleared away, and I thought that the best and quickest way of doing so would be to hold a conference in Australia. In some of the states there is already reciprocity. There are many other things upon which mutual understandings are necessary. We have, for example, different systems of statistics, matters relating to defense, cable rates, and currency among many others which will benefit for discussion. Last, but not least, is the advantage that would accrue from all of us getting better acquainted. In my opinion it should be a joint conference of Commonwealth and state ministers, the reason for this being that New Zealand is in a different position from either the Commonwealth or the states, being sovereign in all matters."

Mr. Fisher thought it would be an advantage to hold the meeting at the time of the premier's conference, which was timed to meet in the beginning of May. He was sure that only good could result from airing each other's views, and the more frequent were the visits the better. Excellent results have always accrued, it may be added, from the imperial conferences that are held in London, when ministers of all the dominions attend, and it is surprising that this latest important movement had not fruited long ere this.

POWER STATION IN TASMANIA

(Special to The Christian Science Monitor)
HOBART, Tasmania.—In connection with Lord Rochdale's scheme for erecting woolen mills on the site of the old training school at the Cascades (near Hobart) a representative of the company has arrived in Hobart to make preliminary arrangements. The intention is to have the mills ready to start as soon as the state's hydro-electric power is made available. The work of completing the first unit of the hydro-electric power station is being pushed on, but a good deal of machinery has still to arrive. This will give practically 10,000 electric horsepower. The transmission line is being constructed with a capacity of 20,000 horsepower, and so is the canal, while the dam will have a capacity of 40,000 horsepower and upward.

WOMEN AND WAR SERVICE

(Special to The Christian Science Monitor)
EDINBURGH, Scotland.—A splendid response has been given by the women of Scotland to the government's call for female labor for war service. The women registering themselves are mostly of the educated middle classes, and the majority of these have made application for clerical work. Many have asked for employment as chauffeurs and shell-makers, and others have placed themselves at the disposal of the authorities, stating their willingness to train for any employment for which they may be required.

IMPROVEMENT OF RAILWAY LINES IN AUSTRALIA URGED

Prime Minister Advocates Bringing Capitals Closer Together by Better Railway Service

(Special to The Christian Science Monitor)
MELBOURNE, Australia.—The prime minister of Australia, the Right Hon. Andrew Fisher, M. P., speaking of the proposed electrification of the suburban railways in Melbourne, to cost a large sum of money, contended that surely the Commonwealth generally could afford some £6,000,000 sterling to reduce the long distance at present existing between the capitals, to develop an enormous area of rich country and to facilitate commerce generally. This was apart from defense considerations.

Mr. Fisher continued: "It should not be overlooked that the latest estimate for converting the trunk lines connecting the capitals to a 4 feet 8½ inches gauge is about £12,000,000. This sum would merely provide a running way by the present circuitous routes, and over the existing heavy grades, for rolling stock of uniform design. It would not open up a single acre of new territory, although it certainly would facilitate some of the business of the states affected. Complete unification to the standard gauge is estimated to cost about £37,000,000. The importance of unification cannot be overestimated, but even when the work has been accomplished, if nothing further is done, the Commonwealth will still have failed to effect all the direct and safe means of transit which adequate defense of the continent demands. To reason that we have no knowledge as to when our land defense policy may be put to the trial, and that, therefore, the essential side to land defense may be neglected for the time being, is merely the evasion of an obvious responsibility. At the time that the expenditure on the Australian navy was first mooted there was a similar uncertainty as to when the ships would be needed. As regards railways, there may clearly be a time when it is too late to act."

"The position at present is simply that the government is considering these matters, and if, in providing efficiently for the defense of the Commonwealth it can also add materially to the development of the country the money expended on any scheme that may ultimately be adopted will prove to be well spent. Such a scheme will increase the production of the soil; it will not only give facilities to settlers, but bring the means of civilization to their doors, and carry out the policy all sensible people in this country desire, i. e., that the country shall grow in equal proportion to the cities. If otherwise sound, therefore, this enterprise should receive the wholehearted support of the people."

NEW SCANDINAVIAN THEATRICAL PLAN

(Special to The Christian Science Monitor)
CHRISTIANIA, Norway.—At a recent meeting held by the respective directors of the National theater in Christiania, the Royal theater in Stockholm, and the Royal theater in Copenhagen, it was decided that a company from one of these theaters should give a performance in the capital of one of the other countries annually. By this means it is hoped to further the knowledge of each country's poetical works in the neighboring country.

Representations will be given chiefly of the works of the national writers, Holberg in Denmark, Strindberg in Sweden and Ibsen and Bjornson in Norway. The idea of collaboration between the three countries has been discussed for some years, but until now it had been found impossible to come to any arrangement.

FOOD QUESTION IS DISCUSSED IN GERMAN JOURNAL

(Special to The Christian Science Monitor)
FRANKFORT, Germany.—The Frankfurter Zeitung recently devoted a lengthy article to a review of the food question, and reminded its readers that they were entering upon the critical period which would precede the harvesting of the new crops. After August they would have adequate supplies for another year, but in the meantime they must hold out with what they had. The English chancellor of the exchequer had declared a few months previously that he feared the German "potato-bread spirit" more than Hindenburg's effective strategy, and the time had now come for them to prove what that potato-bread spirit could do.

The position of our supplies when war broke out, the article continued, is not known. Of our annual consumption of about 16,000,000 tons of breadstuffs we lacked eight per cent, being accustomed in time of peace to import that amount from abroad. The deficit was increased this year by low crops, devastations in East Prussia and part of Alsace-Lorraine, and exports of grain to Switzerland, to 15, or perhaps 20 per cent. Above all we lacked the enormous quantity of fodder that we usually import; of late years we have regularly imported almost 3,000,000 tons of barley fodder alone, in addition to quite 1,000,000 tons of maize, and 2,000,000 tons of other fodder stuffs. There had been no attempt of any kind to collect war supplies in time of peace, and the only important reserve we possessed was that of the vast stock of cattle, the stock of pigs being a record one. The embargo placed upon the exportation of sugar also enabled us to retain the large quantity usually sent abroad, for home consumption.

The Frankfurter Zeitung then proceeded to examine the steps that had been taken to cover the deficit, and pointed out that if certain measures, including the reduction of the stock of cattle, had been taken earlier, there would have been no cause for anxiety. As it was, however, the bread supply had now been satisfactorily regulated, and the recent government decree was designed to assure in a similar manner the supply of potatoes. In this connection the writer expressed his admiration for the wonderful way in which the various communal authorities had executed the government decrees, and the readiness which the entire nation had shown to cooperate in the gigantic economic scheme.

AUSTRALIA AND EXPOSITION

(Special to The Christian Science Monitor)
MELBOURNE, Australia.—In connection with the Panama-Pacific exposition, the Commonwealth prime minister received from his Majesty the King, the following telegram: "The King is much gratified to know that Australia is represented at the Panama exhibition to celebrate the success of an enterprise by which, thanks to the great work of the United States the old world is drawn closer to the Commonwealth of the Southern seas. His Majesty wishes all success to the Australian pavilion." In reply Mr. Fisher telegraphed: "Australia's contribution to great exhibition is dedicated to promotion of arts, of peace, and abiding friendship with United States."

FRENCH AGRICULTURAL LABOR

(Special to The Christian Science Monitor)
PARIS, France.—The committee on agricultural labor, appointed recently, held its first meeting with M. Fernand David, minister of agriculture, in the chair. Discussions took place concerning the employment in land cultivation of refugees, and prisoners of war, and on the cooperation of the army in the work of the harvests. The scheme of organizing a national department of agricultural labor was also gone into. Among the members of the committee are MM. Emile Loubet, Meline, Gomot and Vigier.

VIEW EXPRESSED ON KHALIFATE IN LONDON JOURNAL

Lord Cromer Says Rumor of Egyptian Ruler Being Candidate for Khalif Is Unfounded

(Special to The Christian Science Monitor)

LONDON.—In a letter to the Times, Lord Cromer deals with the question of the khalifate. It cannot be doubted, Lord Cromer says, that there is at this moment some anxiety current among Moslems as regards the future of Islam, coupled, possibly, with some suspicious as to the general attitude of the British government, and British public opinion toward Islamism. This, I think, is due, inter alia, to doubts as to the future of the khalifate in the not improbable event of the Ottoman empire crumbling to pieces. It is, of course, perfectly well known to all oriental students that the khalifate was usurped by Selim I. in 1517, and that although the right of subsequent Sultans to be considered khalifas has been tacitly accepted by the vast majority of Moslems, the assumption of the title is in reality invalid. The point is one on which the former Sultan was extremely sensitive.

In 1890 Mukhtar Pasha was ordered to distribute in Egypt a special edition of the Sahib-el-Bokhari, which had been prepared under the Sultan's orders, and in which the passages relating to the conditions necessary to justify the assumption of the title of khalif were omitted. The Ulema, however, refused to have anything to say to this spurious production.

Lord Cromer then goes on to point out the desirability of realizing what is the true nature of the Moslem view on this subject. I naturally speak under correction, he says, on a subject of this delicate and difficult nature, but if I understand rightly it is held that due exercise of the spiritual power cannot be insured unless the Khalif is placed in a position of assured political independence. Hence, although possibly the substitution of some khalif other than the Sultan of Turkey might be effected without any very great shock to Moslem opinion and sentiment, the recognition of a khalif who could directly or indirectly be brought under non-Moslem influences would be strongly resented. It is well known that a mischievous rumor gained some currency a short time ago that there was an idea of the recently appointed Sultan of Egypt being brought forward as a candidate for the khalifate. This rumor was, I am aware, wholly devoid of foundation, but the mere fact that such an idea should have been mooted in irresponsible quarters caused much alarm and excited some suspicion as regards the intention of the British government.

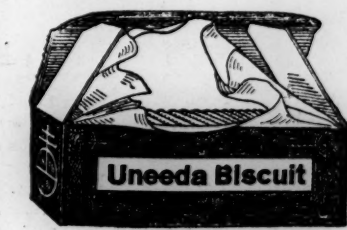
Lord Cromer concludes by saying that without venturing to make any very definite proposal as to the manner in which this subject should be treated, he is of opinion that it should be fully considered by the highest British authority on oriental affairs, in conjunction with their Moslem advisers, "with a view, possibly, to issuing some manifesto which might reassure the world of Islam in the sense of acquainting them with the importance which Great Britain, as a great Moslem power, attaches to the political independence of the Khalif, whoever he may be."

ITALIAN MOTOR BOAT CORPS

(Special to The Christian Science Monitor)
ROME, Italy.—The Italian minister of the marine has put forward a plan, which now awaits government sanction, for the institution of a volunteer corps of motor boat navigators, who would render aid to the regular fleet in case of need by undertaking patrol duties, and eventually by participating in military operations. Owners of motor boats are asked to enroll themselves, and to be ready to respond to any call that may be made upon them, and confidence is expressed that the patriotism of such owners will soon render the proposed organization an accomplished fact. The Giornale d'Italia has published the names of 48 deputies to the Italian Chamber who are officers in the Italian army, either in active service or retired, and of six who are naval officers. There are also other deputies who are liable to be called upon to take up military duties.

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LORD KITCHENER ON THE WORKSHOP AND THE CONFLICT

(Special to The Christian Science Monitor)

LONDON.—A message to the employees of Messrs. Vickers, Ltd., from Lord Kitchener was lately taken to Barrow by Sir Vincent Caillard, a director of the company, and posted at the company's yard. In this message the secretary for war said:

I impressed upon you, last September, the importance of the government work upon which you are engaged, and marked my appreciation of your efforts and the quality of your work. After seven months' experience of war and of the enormous expenditure of arms and munitions which its successful prosecution requires, I again appeal to you to continue to exercise your skill and experience at full pressure for the purpose of delivering to the army the great supplies which our fighting men are relying upon.

It is not your privilege, Lord Kitchener continued, to be able to exhibit acts of valor in the field, but your efforts in the workshops are as necessary to the speedy and successful end of the war as the bravery of your comrades in the fighting line. By conscientious work and good time keeping you enable the full output to be obtained from the machinery of the works. Anything less than the full output means gallant British lives sacrificed unnecessarily and victory postponed. I appeal to every employee, the letter concluded, whether engaged directly upon the manufacture of munitions, or upon the erection of buildings or machines for their production, to give his best service and so fully cooperate with our brave army in the field.

BELGIAN NATIONALITY IN AUSTRIA

(Special to The Christian Science Monitor)
VIENNA, Austria.—In the course of a recent lawsuit in Vienna between a Belgian and an Austrian, the question was raised as to whether, in view of the German occupation of Belgium, the former was to be regarded as a Belgian, or a German subject. The Austrian court decided that Belgian subjects had not lost their nationality on account of the German occupation.



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Progress of Events in Centers of Eastern Hemisphere

STUDY IS MADE OF PROBLEMS IN DUAL MONARCHY

Examination of Situation in Recent Years Shows Great Master Problem Is Austria From the Point of View of Hungary

(Special to The Christian Science Monitor)
LONDON—Although the present wide-spread struggle in Europe has so deeply submerged all the great problems with which diplomacy exercised itself, and on which journalism expended itself before the war, it is necessary to keep in view the fact that they are, for the most part still very much in existence, that they are, in fact, still great, if silent factors in the struggle, and that sooner or later, in some form or other, they will come up for final settlement. No where, perhaps, is this more the case than in Austria-Hungary. For many years past the notes of interrogation round about the dual monarchy and scattered up and down its length and breadth have steadily increased. More and more the happy hunting ground for the political prophet, Austria-Hungary's problems before the war were a great multitude, and the changes which could be rung on them innumerable. It is true that the issues were not infrequently so confused that the problems of Austria were mixed up with those of Hungary and vice versa. This, however, only led to the outlining of other problems, greater or lesser, "and so," as Swift has it, "ad infinitum." Bohemia, Italia Irredenta, Croatia, Transylvania, all stand round like pillars of perpetual reproach and reminder. Then there is the vast question of the Little Russians in Galicia, the great amorphous legacy from Aehrenthal, Bosnia and Herzegovina spreading out into the vast master problem of the southern Slav; then above all and through everything Austria from the viewpoint of Hungary, and Hungary from the viewpoint of Austria.

Perhaps one of the most interesting phases brought about by the present war is the manner in which all these problems are discussed in the allied and in the greater part of the neutral press, entirely from the allied standpoint. Austria-Hungary is largely left out of account, and in not a few instances the problems are being discussed on the basis adopted by the football team that, having lost their ball, decided to continue the game without it. The future of Bohemia, for instance, its aspirations after autonomy, the possibility and inevitability of their fulfillment, how it should be done, what safeguards should be provided, which great power should exercise "the master influence," and to what extent, are all questions freely canvassed without very much reference to the opinions of Vienna or Budapest.

The same may be said of Italy and the Trentino, of Italy and Serbia in regard to Dalmatia, of Rumania in regard to Transylvania and the little Russians in Galicia.

All these problems, however, have another side. Without being led into an expression of opinion, one way or the other, it is possible to review the situation in each one of them from the historical standpoint, and thus gain some just sense of the probable direction in which these problems will develop in the future. Such a task, of course, would be impossible within the compass of a short review. To deal with the question justly would fill many volumes. Very often, however, it is useful in considering the position of any country to make a rapid survey of the main points in its great outstanding political problems, to try to obtain a just appreciation of the whole matter in one view, to climb up in fact, so far above the forest as not to have one's view obstructed by the trees.

Southern Slavs

In any such comprehensive survey of Austria-Hungary and her affairs the Southern Slav question inevitably attracts first attention. The ostensible cause of the whole war, Vienna has little reason to regard with unmixed satisfaction Aehrenthal's master stroke of 1908. The defeat of Isvolsky at Buchlau left behind it, as was almost inevitable, much bitterness which needs must be dissipated somehow or other. This much is history. Aehrenthal's policy raised a host of questions which, as time went on, clamored more and more for settlement. Whatever may be said for or against Serbia's aims, her claim to reunite in one big Serbia all the Southern Slav states, the fact of the existence of such a claim on one side and the Hapsburg tradition of "more acres" on the other, rendered any settlement in the last degree difficult. The backing down of the Serbian sentiment in 1908, the repudiation by Serbia of all bitter feelings in regard to the matter towards Vienna deceived no one. The mistake, however, of the reviewer of today in the allied and neutral press is to see only the Serbian side and nothing of the viewpoint of Austria-Hungary.

In spite of much failure and much high-handed method, largely due to the perpetual opposition directed against her, Austria-Hungary has striven hard to improve conditions for the peoples in her Southern Slav dominions. Bosnia and Herzegovina are largely transformed. Even in Croatia, Hungarian rule has had a large measure of good mixed with much that is the reverse, and throughout the other Slav states similar efforts towards material betterment of conditions have been vigorously carried through.

The heart of the problem, however, lies far outside of these material considerations, which, it may be taken, will weigh but little in its final solution. Here then is the riddle which Aehrenthal, building far otherwise than he knew, first definitely called into being, which Count Berchtold struggled with and failed to solve, which now Baron Burian, prompted by the while from Budapest, wrestles with all his Magyar doggedness. It is, of course, the grand question of Austro-Hungarian domestic policy, but there are many others.

From the Southern Slav states, with all their many problems, the reviewer passes on to the next "pillar of reproach," Transylvania. Here, again, Austria-Hungary is faced with very much the same conditions, the same desire of a people to be united with their conationalists under another dominion, the same change, against Hungary this time, of tyrannous methods, of desire to stamp out nationality, all the usual charges in fact ever brought against its ruler by an alien people in a state of discontent. Passing north, the reviewer pauses for a moment at an admittedly bright spot, so far as Austrian reputation is concerned, namely, Bukovina. Here it is generally admitted of ruling well and administering justice with an even hand. Bukovina, however, is a small territory, a crown land which matters little either way. There is, or rather was before the war, peace enough in Bukovina, but when the traveler crosses the border into Galicia, now almost entirely in the hands of Russia, he is met with another outburst of reproach. The same conditions obtain everywhere, as were noted in Transylvania, and in the Southern Slav states; the same claim for reunion and the same charges of misgovernment with, perhaps, just as much to be said for and against them. Moving still further west, the next stopping place is Bohemia. Here indeed is a problem full of age and full of complexity. In many ways it is different from the other problems. In Bohemia one is met, not with a desire for reunion, but with a desire for liberation. Bohemia was a kingdom, it is said, when the dominion of the Hapsburgs was a little castle and a few square miles of territory on the banks of the Aar.

The Czech

After centuries of complete subjugation, for nearly 100 years now the Czech has been awakening, like so many other small nations in Europe, to a very decided consciousness of nationality. With the revival of the Czech tongue and literature has come an increasing consciousness of the solidarity of the Czech peoples. In Prague today it is more difficult to get on in certain quarters with the German tongue than with any other, and whilst the more cautious Bohemian of today deprecates any idea of Bohemia as a separate kingdom, all Czechs are agreed in a desire for a very definite autonomy. Long before the war precipitated this, in common with so many other questions, the struggle in regard to it had swayed back and forth, and whilst its intensity has unquestionably been exaggerated, nevertheless it is sufficiently strong to place it quite definitely on Europe's ponderous ledger, as an account demanding settlement.

The last stopping place on the circle of political problems which surround Austria-Hungary is in that district known to the Italian patriot as Italia Irredenta. If the clamor in Bohemia is loud, it is louder in the Trentino, and round about Trieste. The Italian in unredeemed Italy, as is generally the case in such circumstances, is even more of an Italian than his brethren over the border. For many years past Vienna has striven to keep peace in the Italian lands by the sorry method of playing off one party against another. Slav and Italian have been kept at loggerheads in order to divert the attention of both from plotting against Austria. The Trentino, however, and the districts further south round about Trieste and Fiume are strongly Italian, and the last few months have seen the Italian element strengthening its hand. So the Italian question joins on to the Southern Slav question, and the circle is complete. As to that other great master problem, namely, Austria from the point of view of Hungary, and Hungary from the point of view of Austria, the most remarkable fact of recent years, ever since Andrassy held the reins of external policy some 40 years ago, has been the growing ascendancy of Hungary.

With Baron Burian at the Ballplatz and Count Tisza virtually in supreme control, the ascendancy of Hungary today would seem to be complete. To a very great extent, of course, the fog of war hangs over the vast bulk of the dual monarchy. The working out of her problems is only seen by the outside world through rumor and a highly censored press. Little really is known. Men still adhere to old sayings and old creeds in regard to much that is obviously changing past all recognition. There are still men in a thousand streets who repeat Palacky's famous aphorism, "If Austria did not exist it would be necessary to invent her," and to them that is for a settlement of all questions. In the streets of Berlin, too, maybe is heard more often than before Metternich's sarcastic confession "Asia begins on the Landstrasse." The future alone, however, will show how far such catch phrases are still applicable. The Austrian press, said a recent able writer on the subject, is whether she can "find herself." He adds that it is a question upon which it would be "rash to dogmatize above all negatively." The advice is sound enough, and the survey of her many problems, just presented, may help to an understanding of how great is the task before her. The wise man will offer no opinion as to the possibility or otherwise of its achievement.

EFFORTS TO PLACE RESPONSIBILITY FOR GREAT WAR

German Professor Studies the Positions of France, Russia and England in European Conflict

(Special to The Christian Science Monitor)
BERLIN, Germany—Dr. Arnold Meyer, professor of history at Rostock University, has published a pamphlet on the antecedents of the war.

The pamphlet is entitled "Wherein Lies England's Guilt," and opens with an examination of the positions of France, Russia, and England. The reasons which the two former had for going to war, Dr. Meyer maintained, were comprehensible and intelligible. France was inspired by the thirst for honor and revenge; Russia by ambition, and the prospect of securing Constantinople. Contrary, however, to the view of most of his fellow-countrymen, the writer did not consider that commercial envy could logically have imparted a similar impulse to England. He preferred to examine more closely the previous situation of England, and arrived at the conclusion that it really was an unreasonable fear of Germany and of the German fleet that had induced her to conclude what was, in reality, nothing but a truce with her natural, and inevitable opponent, Russia. The achievement by Edward VII. of the seemingly impossible Anglo-Russian understanding had been the greatest diplomatic feat of the century and had been based upon a genuine distrust of Germany, a distrust which grew in intensity from 1900 onward. The danger, the professor maintained, was quite imaginary, but it was that seeming danger, rather than the real Russian peril, which determined English policy, and led to the formation of the triple entente, an alliance which the professor regarded as the undoubted cause of the war.

The question, however, as to whether England had desired war still remained to be answered, and Dr. Meyer considered that events proved that she had not. He refused to regard the alleged military conventions between England, France and Belgium as a proof of England's aggressive intentions, and considered that the latter country was under no binding obligation to enter into the war, and that the theory that Sir Edward Grey had concealed the existence of such an obligation from Parliament was highly improbable. Moreover, a review of England's conduct since the entente came into being proved that she had invariably avoided war whenever a crisis arose, and the presumption was, therefore, that the object of her "encircling" policy had been not war, but the attainment of a diplomatic position strong enough to impose limits on German overseas and oriental policy. Indeed, Dr. Meyer found it impossible to conceive that England, placed between the two dangers of Germany and Russia, could have worked for years for a war, the outcome of which she could not possibly foresee, and in which she could not desire victory for either side.

The question that remained to be answered, therefore, was: If England did not desire the world-war, why did she not prevent it? The answer was that she could not, and therein lay her guilt and her responsibility. The whole scheme of her policy against Germany was based upon the supposition that she held the lead in the triple entente. She had overlooked the fact that the exploitation of French-German and German-Russian antagonisms for English ends involved a far greater danger to the peace of the world than those antagonisms in themselves. Russia and France might be no match for Germany and Austria by themselves, but the support of the greatest sea-power rendered them aggressive and heightened the danger of war. When the crisis came, therefore, England was helpless.

Dr. Meyer gave Sir Edward Grey credit for endeavoring to prevent the disaster, but it was impossible for England to restrain Russia, and she was compelled to stand by France or suffer political bankruptcy. She had, in fact, played with fire, and it was the gigantic frivolity of her policy which led to the world-war.

WAR BONUS TO COST GLASGOW £140,000 A YEAR

(Special to The Christian Science Monitor)
GLASGOW, Scotland—The war bonus, lately voted by the town council to their employees, will cost the city an annual additional expenditure of £140,000. The bonus is to cover the increased cost of living in war time. As the vote passed by a narrow majority and without full discussion, it has raised some controversy, especially as the city has many expensive schemes on hand, in the way of new bridges, water and drainage works, tramway extensions and so forth which would not have been felt too hard a task in peace, but with which the exigencies of war have interfered.

There is, however, no reason for anxiety, as Glasgow's credit is so good that it can borrow money at a cheaper rate than any other community. In granting the war bonus, the Glasgow corporation is following the example of the government, and had the allowance been confined to workmen earning up to 40s. a week there would have been general approval, but as it is, many ratepayers are contributing to a war bonus to persons earning a great deal more than themselves.

SPAIN'S STATUS IN PRESENT WAR MORE APPARENT

Count de Romanones Issues Declaration Favoring Pronounced Sympathy With Allies—Senior Maura Expresses Like Views

(By a special correspondent of The Christian Science Monitor)

MADRID, Spain—There has just been an amazing development of Spanish feeling in regard to her war policy. The Count de Romanones, touring in the Balearic Isles, has issued a declaration favoring a more pronounced sympathy with France and England for the benefit of Spanish interests. This came just before a great meeting of the Maurists at the Theatre Royal, Madrid, which was most thoroughly organized and which created more interest than any political meeting which has been held for ages past. Senior Maura himself came to speak at it, and from many parts of Spain his followers hurried to the capital to hear what he had to say. From Bilbao, for instance, a day's journey from Madrid, 500 excursionists came. The scene at the meeting was full of excitement. It was known that Spain's attitude to the war would be discussed, and as nine-tenths of the Maurists are understood to be decidedly Germanophile it was believed that the government's neutrality, not to say careful sympathy with England and France, would be condemned. The party were looking for that, and they were staggered when they heard from their chief sentiments of an entirely opposite character. Nothing more remarkable or significant has ever happened in Spain. Maura, former premier is a Conservative of the old kind, a reactionary, a hater of the new ideas, and an irreconcilable. He is a man of enormous personality, peculiarly Spanish. He is one who inspires stronger feelings than anybody else in Spain, part of which admires him with a deep fervency while the other part dislikes him. When the Dato government was formed the prime minister went to his house to ask him to join it, but he was not there. He had been to the Palace to see the King just previously, and, as he left his Majesty's presence, he jumped into an automobile with only a hand bag and declared he was going away for three or four days, declining to say where. He left the new Conservative government to get out of all its difficulties unaided by him. That was his attitude. "Down with Maura," shrieked many Madrilenos. "Long live Maura," shouted others. That is the way.

Now this speech of Maura's in the Theatre Royal is sensational. The Maurists are bewildered, dumfounded, and disappointed. But they have got to think and agree. After criticizing the financial policy of the government during the war, he declared that Spain ought to be supported and represented in this European upheaval. Nations which are absent from it, he said, will pay the costs. As it was, Spain was isolated. The government had brought about this isolation by prohibiting discussion of external affairs and advocating silence. It was impossible for any nation to hold aloof from international life, and at this crisis Spain should certainly not maintain an attitude of disinterestedness. Then he went on, "I had the honor and responsibility in 1907 of signing my name to the Carthagenian agreement. Concerning that agreement and those with France, I do not recall that there was any great protest in this country, although all of us are aware that it is difficult to obtain complete agreement upon any subject in Spain. How was this? The reason is that the Carthagenian agreements were no invention, they were not a theory, they were not even a desire. They were the reflection of the reality, of a combination of realities, incoercible, imperative, and evident. Upon the Mediterranean and Atlantic coasts, our country holds a situation which those agreements define in the community of interests with England and France, and the reciprocal promise of maintaining and working in favor of that community and of the status quo. It was not a policy which would have occurred to this or that government."

While I respect all opinions, I understand that there are people who think, and who devoutly believe, that other kinds of connections would have been more convenient for Spain. To these I would like to make one recommendation, and it is this: That in order to be able to exercise the right of choice it is necessary to form an integrity of personality and to invigorate it, and once you possess liberty of option and properly organized forces of resistance, then the moment for deliberation and decision has arrived."

Senior Maura then expressed himself in almost the same terms as those employed by the Count de Romanones at Palma, and declared repeatedly that Spain's position now is exactly what it was in 1907, and that it was hardly possible to think of modifying the Carthagenian agreement, or of turning their eyes in another direction. There were 5000 people at the meeting, and after it was over there were hundreds asking of other hundreds "Is Spain then going into the war?" The Count de Romanones has been interviewed at Palma upon it, and said he was glad he and Senior Maura were in agreement, but as to Spain taking, before the declaration of peace, the side of the nations which her geographical position indicated, he feared that the Maurists might not in

all cases follow their leader, their organs in the press being frankly opposed to the Allies.

When the Queen was in the south recently she met her brother, an English officer, going to the war, at Algiers. He went over there from Gibraltar to meet her. Crowds gathered and cheered them, and one man shouted in a voice that was heard above the din, "Is it possible there is still a Spaniard to favor the German cause after what we are now seeing?" Then there were more cheers than ever.

HARVARD CLUB OF PARIS HOLDS ANNUAL DINNER

(Special to The Christian Science Monitor)
PARIS, France—The Harvard Club of Paris has lately held its annual dinner under the chairmanship of James Hazen Hyde.

Amongst those present were the American ambassador William Sharpe, M.M. Brioux, Boutroux, and Alfred Capus of the Académie Française, and many members of the club.

After referring to the old ties which united America and France, and which were yearly drawing them more closely together by the interchange of intellectual and moral influence, the chairman spoke also of the remarkable dignity with which the civil population in France had borne themselves during a period of the greatest trial.

The speech of the evening was that of M. Brioux who described some of his experiences on his recent visit to the United States, when he represented the French Academy at the meeting of the American Academy of Arts and Letters. M. Brioux had been advised, he said, to avoid saying or doing anything which might be interpreted as an act of propaganda in favor of France, and he gave some amusing accounts of the tactics he had been called upon to use to avoid the newspaper correspondent on his arrival. He told with much warmth of his admiration, generally for the women of America and especially for their unbounded generosity to those who were affected by the war.

He was much impressed by his visit to Chicago for the purpose of attending a banquet by old Harvard students at the University Club there and by the enthusiastic reception they accorded him.

M. Brioux appreciated immensely the great number and sumptuous equipment of the public libraries, most of which had been provided by men of public spirit and which were unique in the whole world, and he was no less impressed by the American's love of tradition and of the memories of the glorious past.

M. Lucien Poincaré, under secretary of state for public instruction also spoke, saying, amongst other things, that France presented herself with confidence before the tribunal of the neutral states and that her trial must result in an early decision in her favor.

A great many old Harvard students attended the banquet, including a considerable number who at the moment are engaged in American ambulance work in Paris.

GLASGOW HEARS DISCUSSION ON PERMANENT PEACE
(Special to The Christian Science Monitor)
GLASGOW, Scotland—Charles P. Trevelyan, M. P., addressed a meeting of the local branch of the Union of Democratic Control in Glasgow on the "Policy For a Permanent Peace." Sir D. M. Stevenson, who presided, stated that the aim they had before them was not peace at any price, but the creation after the war of a united states of Europe.

Mr. Trevelyan said that it was his deep and rooted belief in democracy that had guided his actions at the present time. They were not agitating a stop-the-war policy. Their eyes were directed to the future and their hopes were for a better Europe in time to come. It was often said that they were fighting to crush militarism, but that was an entirely false ideal. He did not think they could crush militarism by force, because it came from the very existence of great armaments. Militarism was not the doctrine of the masses of the people. The only way it could be destroyed was by showing the people that they had another security than arms. That security could be obtained by making quite certain that instead of repeating the mistake of Germany in 1870, they would see that, when it came to the territorial settlement of Europe, so far as it was humanly possible, it should be on the lines of the desires of the population whose destinies were being decided.

UNITED STATES NEUTRALITY IS COMMENTED ON

French Paper Considers Speech Delivered by Woodrow Wilson at American Press Gathering

(Special to The Christian Science Monitor)

PARIS, France—The Temps devotes a leading article to the speech delivered by Mr. Wilson at a meeting of the American press. The speech is of special importance, it says, because it clears up a point on which there has been much speculation, that is, the exact character of American neutrality and the political value of its absolute maintenance. Never has there been a moment when any doubt could be felt as to the sincere desire of the American cabinet to deal with all the belligerents with a strict impartiality, and this was not always an easy task, for it had to contend with the popular sentiments which were aroused by the methods of making war adopted by the Germans and Austrians as well as by the pressure which a strong German propaganda sought to exercise through the exploitation of political passions.

"The principle on which Woodrow Wilson bases his attitude," continues the Temps, "is the impossibility of one nation setting itself up to judge another. This is, incontestably, the strictest form of neutrality which can be imagined, but it is hardly possible to abide by it strictly, whatever the nature of events, for a war like the present one involves the solution of problems which interest the whole of humanity and provoke, in special circumstances, actions on the part of non-belligerents, which have the same value as the pronouncement of a judgment. The reply which the government of the United States has just made to the German note to which Count Bernstorff gave such an inopportune publicity, is perhaps an action of this nature. But Mr. Wilson leaves no room for doubt when he adds that the United States is the mediating nation of the world. He intends to reserve for the Washington government the capital task of facilitating intercourse and of establishing the basis of peace when the war shall have reached its logical conclusion. In order to play this part in a useful manner, it is important that the United States should remain unbiased, touched neither by weakness nor by hatred, towards any of the belligerents. They will have to silence their sympathies, and forget their antipathies. All the efforts of Mr. Wilson are designed as a preparation for the adequate playing of this part and for the present justification of the confidence which all the interested parties will show in the United States."

The Temps goes on to warn the government at Washington against the danger of undertaking any inopportune action or exercising any premature pressure. A mistaken initiative could only impair its influence and ruin its moral standing, without benefit to any one.

Mr. Wilson, however, it continues, is not the dupe of the "peace at any price" pacifists, since he states that one must be ready to show friendship to belligerents "when the conflict is over," and this is not yet . . .

DUTCH MOROCCO TRADE IMPROVES

(Special to The Christian Science Monitor)
LONDON—Dutch shipping, which was but rarely seen in Moorish waters, has recently shown considerable activity and enterprise in this direction, and the Royal Netherlands Steamship Company has made arrangements for sailings at regular intervals to Moorish ports. Hitherto the cost of transport, owing to lack of railways and good road facilities, has been prohibitive to the districts in the interior, which cannot be brought into close touch with the ports until railways are opened and roads extended. Thus, much of the grain of the country has not been available for export.

The British consul general at Tangier announces that, owing to the improvements in the roads, a much larger area of land has been brought into cultivation in the inland districts, and the harvest for the present year is very promising.



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DEVELOPMENT OF INDO-CHINA TOPIC IN FRENCH CAPITAL

(Special to The Christian Science Monitor)

PARIS, France—M. Henri Brenier, the author of a recent statistical work on Indo-China, delivered a lecture on the development of that country before the Geographical Society recently. He said that if taxation had arisen during the last 15 years from £75,000,000 to £150,000,000, trade profits had risen, during the same period of time, from £175,000,000 to £424,500,000, and the average of the export trade from £97,500,000 to £221,000,000. Special trade returns for 1913 amounted to £521,000,000, and those of the general trade to £747,000,000.

M. Brenier, during the course of his lecture, dealt very conclusively with the statements which had been made that the revenue of the country was expended on the salaries of an army of functionaries, by showing that such expenses only amounted to 20 per cent of the revenue, and to less than 10 per cent of the export trade of the colony. He also showed that the expenditure on economic and social works of development had augmented by £22,500,000 in 14 years, whereas the expenditure in administrative departments had only increased by £15,000,000.

Eight million francs had been expended on roads during 1914, and the revenue expended on public works amounted to £35,000,000, or about a quarter of the total budget.

M. Brenier finally touched on the civilizing work of the French settlers on the riches of the colony from a mining and agricultural point of view and on the solidarity which existed between the French and the natives in the work of developing the possibilities of the country.

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CITY PLANNING COUNCIL OF 50 DECIDED UPON

Prizes of \$25,000 to \$100,000
to Attract Best Experts of the
Country to Submit Studies for
Improving Boston to Be Offered

Formation of a council of 50 citizens with an executive committee of 11 to work out a practical, comprehensive city plan for metropolitan Boston and offer of prizes from \$25,000 to \$100,000 as may be deemed necessary to attract the best experts of the country to submit studies were determined upon by the second city planning meeting at the Boston Young Men's Christian Union last night.

Frank L. Locke, president of the union, was chairman of the meeting which included representatives from many commercial and civic organizations. Mayor Curley was present to answer one of a list of over two dozen questions which were for the most part answered by Ralph A. Cram, chairman of the Boston city planning board. Two questions were answered by Edward F. McSweeney, chairman of the directors of the port.

The general public is expected will be invited to a meeting to be held on the evening of June 2. The organization of the council and executive committee including the nominations for president, vice-president, treasurer and secretary is to take place immediately.

The committee that made the report containing the recommendation as just outlined and which will direct the establishment of the council consists of Elmer J. Bliss, president of Boston Chamber of Commerce; Miss J. A. Brunton, Women's City Club; John N. Cole, chairman of Boston industrial development board; W. R. Greeley, chairman of civic development committee of Give and Take Club; Richard Hittinger, Market Gardeners Association; Arthur M. Huddell, (labor interests); Walter H. Kilham, Boston Society of Architects; Ephraim Harrington, United Improvement Association; John J. Martin, president of Massachusetts Real Estate Exchange; George H. Gallup, president of Pilgrim Publicity Association; Cornelius A. Parker, counsel of home-stead commission; W. Z. Ripley, professor of railroads and transportation; Arthur A. Shurtleff, Boston Society of Landscape Architects; Mrs. Eva W. White, director of extended use of public schools, and E. B. Mero, secretary.

People's Welfare

The committee in opening its report states that it is "convinced that an immediate need is a definite means of cooperation between planning boards or other officials and organizations concerned with the commercial, educational, civic and social welfare of the Boston district." Furthermore, it maintains that "a plan of development for this Boston district must deal fundamentally and from the start with social problems and the welfare of men, women and children, because a city is the people in it. Streets, railroads, buildings, finances, are merely implements used by the people."

The committee proposes that the first work undertaken by the new council be a campaign of education and publicity of constructive character intended to stimulate and form intelligent public understanding of what is meant by city or town planning, and why it is important.

The new council is to invite representatives of official state and municipal boards charged with work related to the subject to attend its meetings in order that the greatest possible cooperation may be secured. Public meetings are to be held in all sections of Greater Boston, the main subject of discussion being the common problems and needs of the entire district. It is also the aim to show citizens the economy of a practical and adequate plan.

To Review Plans

The council is also to arrange for a review of reports, and plans that have been made for the betterment of Boston and vicinity—(a) to ascertain how much of the complete city plan may have already been prepared, (b) what has been done toward making the previously approved betterments, and (c) to devise ways and means for completing the plan promptly.

It is planned to award the prize or prizes by June 1, 1916. The money for the awards is to be contributed by the various organizations represented on the council.

Appointments to the council are proposed to be for terms of one, two and three years, meetings to be held once every 60 days with special assemblies whenever necessary. The executive committee is to meet once a week.

The council is to include a member of the planning boards of Arlington, Boston, Brookline, Cambridge, Chelsea, Everett, Malden, Medford, Melrose, Newton, Quincy, Somerville, Waltham, Watertown, Wellesley, Winthrop, and Woburn.

The head of each of the following organizations is to be asked to name three members; one to be chosen from the list by the committee: Boston Chamber of Commerce, United Improvement Association, Massachusetts Real Estate Exchange, Pilgrim Publicity Association, Boston Society of Architects, Boston Society of Landscape Architects, Women's Municipal League, Women's City Club, Central Labor Union, Boston Industrial Development Board, Boston Social Union, Master Builders Association, Boston Society of Civil Engineers, National Conference of City Planning, Central Council of Civic Organizations, Twentieth

Century Club, Massachusetts Civic League, Give and Take Club.

Five persons are to be chosen from a list nominated in writing at the meeting last night. The balance is to be completed by the committee.

Nine members of this council with the president and secretary are to constitute the executive committee.

Questions Answered

In answering the list of questions Mr. Cram said that the city could most decidedly save money by spending it, that for every \$1,000,000 spent an annual increase in taxes received of \$50,000, due directly to the expenditure, should be expected.

As to the reasons for certain powerful interests opposing city planning, he explained that certain persons derive their income from the unearned increment of land values and that there are "all the other special private interests as opposed to the general public interest."

He maintained that city planning on a large scale would result in increased values of far greater amount than the money spent, that the conservation of the best in social as well as civic and business affairs may also be reckoned in dollars. As to the best way for the "plain, every-day man" to help along the city planning movement he advised taking an active part in the work of local citizens associations and insuring their active cooperation with the various departments of the city government. "The public must learn to use its servants," he added, "by making intelligent demands upon them."

It is not possible to "accomplish the best results without enlarging political Boston," according to Mr. Cram, the reason being the necessity of planning Greater Boston as a whole without regard to purely political lines. "In the absence of annexation," he continued, "the only alternative is that the adjoining communities accept in outline at least a comprehensive plan, acquiesce in its execution, and aid in financing it."

Move Factories Out

The factory should in the opinion of Mr. Cram, be removed from the heart of the city, enabling employees to live in the suburbs and at the same time near their business. Many factories, however, he pointed out, must be located within easy connection with transportation facilities for receiving raw materials and shipping out their product. He gave the East Boston development plans as an example of this important factor.

He concurred in the question asking why new building construction should not be set back on new lines, advising a comprehensive scheme of street widening for the entire city on the basis of which owners of new buildings should be allowed to construct temporary one-story extensions to the old line until such time as the street line itself should be changed.

As to the expenditure of \$100,000 for a city plan as raised by Seattle, he agreed that Boston could do likewise but preferred to see it extended over a considerable period of years. He declared that the Boston city planning board is free from politics and added, "Let the public-spirited citizens watch and see that it be left at liberty to stay so."

As to the terms, personnel and appropriation available for the members of the city planning board, Mr. Cram gave his own as ending May, 1918; Prof. Emily G. Balch, 1916; John J. Walsh, 1917; William C. Ewing, 1919; and Henry Abrahams, 1920; and the funds for the fiscal year 1914-15, \$30,000, and 1915-16, \$50,000.

How to Restrict

The only recommendation he could make in relation to keeping the suburban street line unbroken and eliminating the three-decker was the purchase of land by interested neighbors or other parties and reselling under restrictions. The city planning board he remarked would be glad to have the cooperation of a "city planning board council." It will also gladly aid any property owner to put up structures on modern ideals.

The city planning board according to Mr. Cram affirms the principle of placing public school buildings at the important centers of community groups.

Public Opinion Invited

The board depends upon and invites intelligent public opinion, not only for the support of its plans but also for constructive recommendations, according to Mr. Cram, and will be glad to place on its mailing list the names of persons desiring copies of publications concerning city planning issued and available for distribution from time to time. It affirms the query indicating that the need for public improvements should be pressed upon the city by the citizens.

In answer to a question directed to him personally, Mr. Cram acknowledged that either as a city institution or a privately owned property tenements can be provided measurably better from the standpoint of accommodation, convenience and sanitation than the average of those now available. He added that the board was anxious to get in touch with philanthropic persons who would face with it the problem of housing in Boston, with the special object of providing an endowment on the basis of a reasonable return, or practically 4 per cent.

Relief of the congested districts is proposed by Mr. Cram, in reply to a question as to whether it can be accomplished without opposing the tendency to increase railroad and railway fares by (a) reduction of fares, (b) securing through use of low-priced land in the suburbs a saving in rent equal to the cost of fares, (c) development of the congested areas such as the North and West Ends in such a way that land values would be increased so greatly that it would not be a good business proposition to maintain residences there, and (d) education of the population congested to desire freedom of the country and appreciate opportunity of a kitchen garden.

The city needs the suburban districts for its business quite as much as the

latter require the former, Mr. Cram agrees. This is one of the reasons he points out why city planning must be comprehensive.

South Bay Development

Mr. McSweeney indicated that the port directors are considering development of the Ft. Point channel and South bay, and that a report on its extension will be made.

Mayor Curley, answering a question as to why a plan for reconstruction of the city streets should not precede the expenditure of money so as to avoid patchwork and waste, said that their present condition was due to lack of money resulting in neglect for a considerable period before he took office. Boston, he pointed out has contributed millions of dollars toward state highways but has not had a single highway laid out in its own territory under the general state highway laws. Nearly 10,000 street openings made by corporations have not been properly restored, subway construction has impaired the streets, laying of mains for high pressure fire service for which no repaving fund is provided, and many other causes were given by the mayor for the inherited condition of the street system. He approved the recommendation for a plan.

MOHONK PEACE MEETING HEARS SEC. GARRISON

(Continued from page one)

consideration of what is now the existing condition, because of a hope or belief or even conviction that it may be altered, even radically altered, in the future.

Every right-thinking man sympathizes with every aspiration for peace. It may be possible to establish an international tribunal, to limit the armament of nations, to provide means by which the decrees of the international tribunal can be made effective by forces drawn from its constituent nations, and that a long step forward may be made toward abolishing physical conflict between nations. I am firmly convinced that no nation in the world has a more sincere and active desire to this end than has our nation. If by anything that I could do or leave undone I could contribute to this end, I should welcome the opportunity thus afforded. This, I am sure, is the sentiment of the people of our nation.

Advantage of Being Strong

But such a great epochal event in the world of nations can only be brought about by those who are strong, courageous, self-respecting and righteous; by those who look facts fearlessly in the face and act accordingly. . . . No sensible mind can believe that we will be more forceful in attaining our aspirations for peace because of an open exhibition of feebleness and weakness in the solving of existing problems.

Militarism, in the sense of having the military force interfere in the slightest with the conduct of our government by our civil authorities, is not conceivable in this country, is not urged by any one, and is not feared even by those who use the word in that sense, so as to prevent proper consideration and to confuse the public mind. Militarism in the sense of the absolute necessity of proper military precautions and military preparations, is the very subject matter for consideration; it is the imperative question for decision; and it needs stout hearts and sound minds to decide it.

Situation of United States

We are surely not so deluded as to believe that we can reach by intuition what others can only acquire by training and experience. We are surely not so sacrilegious or irreverent as to believe that Providence has unjustly discriminated in our favor and against the other peoples of the world. We surely will not admit that any vital national duty will be neglected and left undone because we shrink from the proper contemplation of it. We surely will not admit that we are unable to read history intelligently, to consider facts relevantly and to reach conclusions sensibly.

We, as a nation, are exceptionally set apart only in one respect, namely, the freedom of our people under our institutions to develop and expand and make the most of themselves without fetters or restrictions. This was the great and momentous contribution of the founders of our republic to the question of human government. It was epochal and of tremendous import. It means more to the future welfare of mankind than any other existing political fact.

If we are worthy to possess these institutions, we must show that we cherish them and will protect and defend them. John Bassett Moore, professor of international law and diplomacy at Columbia University and chairman of the conference spoke Wednesday on "International Cooperation."

Mr. Moore said in part: The fact cannot be too often or too strongly stated that, for the preservation of order, national or international, we cannot rely upon force alone. It is only by the organization of forces, moral and physical, in such manner as to assure justice and contentment through cooperation, that widespread outbreaks of violence can be avoided.

Aids Against Violence

In order to attain this end, it would be necessary to provide for the employment of three different kinds of agencies:

1. Arbitration—This represents the judicial process. A "permanent court of arbitration" was duly organized and is still in existence. It has dealt with a number of cases, some of which were important, and its decisions have been carried into effect. Some criticisms of the present court have disclosed a defective appreciation either of the law and the facts or of the proper functions of a judicial tribunal. But, speaking for myself individually, I would support any

measure that tended to render the resort to international arbitration easier, more general and more efficacious.

2. Conciliation—The fact is generally admitted that for the preservation of peace and order judicial methods will not alone suffice. It often happens that differences can be effectually adjusted only by the removal of their causes, and this may require the exercise of a power and discretion beyond the application of existing rules. The exercise of such a power would properly be vested in a tribunal of conciliation.

Questions of "Honor"

Under the supervision of such a body there could be carried on the process of investigation which is properly entrusted to joint commissions, and which may be essential to the success of arbitration as well as of conciliation. With this object in view, provision was made in the Hague convention for the pacific settlement of international disputes by international commissions of inquiry; but, strangely enough, an exception was made of questions involving "honor." No doubt a question of honor may be of so delicate a nature that at least one of the parties may object to its investigation, especially where he has done something discreditable which he desires to conceal; but such objections are not generally admitted to be sound.

The defect in all measures for investigation and report is one which it is difficult to meet by a prior formal agreement. This is the case of a continuing injury which one nation may seek to inflict upon another, an injury of such a nature that human interests or human feelings are not likely to tolerate its continuous imposition for a continuous space of time. Such a situation might have to be met by a *modus vivendi*, and the attempt to employ such an expedient would again bring us face to face with the fact that, without the spirit of cooperation and the willingness to observe the limitations of law and justice, the use of force cannot be avoided.

3. Legislation—In the formation of an international organization, provision for the definition and improvement of the rules of international intercourse would form an important and essential part. A step in this direction was taken in the peace conferences at The Hague, but it fell far short of what is necessary to make the legislative process effective. This is particularly the case in respect of the power to enact rules of law.

Unanimity Rule

In the Hague conferences unanimity was necessary to the establishment of a rule binding on all the powers. While I am not so much disturbed, as many persons seem to be, by the apprehension that small states would be found systematically to unite against larger states, yet the rule of a mere numerical majority of nations would necessarily meet with strong opposition. The requirement of unanimity must, however, be done away with before an international law-making power can be effectually established, and there should be no difficulty in abolishing it, when the idea, essential to international organization, is once accepted, that no nation is so high or so powerful as to be above the law.

John Barrett, director-general of the Pan-American Union, was another speaker at this morning's session of the conference. Mr. Barrett said in part: The most remarkable fact affecting the western hemisphere which has been developed by the European war is the impetus which it has given to practical Pan-Americanism. The war has done more than any political influence since the declaration of the Monroe doctrine in 1823 to promote Pan-American solidarity and emphasize the importance of the common interests of the western republics.

State Congressional Conference Declares Its Sentiment Opposed to Appropriations for Institutions Under Sectarian Control

PITTSFIELD, Mass.—Matters carried through at the Massachusetts Congressional conference in Pittsfield yesterday included the adoption of a resolution tending toward the absolute divorce of the church and state and supporting House bill No. 1353, known as the Batchelder bill.

Promise of Pan-Americanism

There never has been heretofore a time when the press and people of both North and South America have been saying so many kind things of each other as they are doing at this hour, and there never was a time when the Latin-American governments and peoples were so ready as they are now to cooperate with the United States for the political ties.

In this growth of Pan-Americanism there looms high the possibility of a United America, using its influence for peace in Europe.

Theodore Marburg of Baltimore, former minister to Belgium, spoke on "Obligation and Sanction in International Disputes." He said, in part:

The desirable thing is a league to compel the nations not only to bring their disputes before a tribunal but to abide by the award. If such a league embraced all the progressive nations, big and little, substantial justice would emerge just as substantial justice results from the united action of the states composing the American Union. But this involves such a surrender of sovereignty and independence that it is doubtful whether this desirable project is a realizable one. The leading countries, including our own, will hesitate to accept it. It would, however, be a decided step in advance if the signatories of the Hague conventions should simply obligate themselves to resort to the international institutions they have set up.

Industrial Peace

President John Grier Hibben of Princeton spoke in favor of armed preparedness not "for" but "against" war.

"It is the weakest kind of sentimentalism," he said, "to imagine that the cause of peace is in the remotest degree advanced by teaching the children of the public schools to sing the doggerel rhymes beginning with the line, 'I did not raise my boy to be a soldier.' " "I do not advocate preparedness for war, but a preparedness against war—a preparedness which in the event of the catastrophe of war itself, will prevent the enormous initial sacrifice which has characterized every war in which the United States has been engaged throughout our past history."

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urged close study of industrial peace in the United States, as a factor in international peace, and directed his hearers' attention to how little was being done in this country to preserve industrial peace.

Hamilton Holt, discussing the proposed league of peace, to be formed by the principal nations, said the countries in the league could gradually disarm to the point of safety until finally a mere international police remained.

CHURCHMEN IN ACTION AGAINST STATE AID BILL

State Congressional Conference Declares Its Sentiment Opposed to Appropriations for Institutions Under Sectarian Control

PITTSFIELD, Mass.—Matters carried through at the Massachusetts Congressional conference in Pittsfield yesterday included the adoption of a resolution tending toward the absolute divorce of the church and state and supporting House bill No. 1353, known as the Batchelder bill.

The conference discussions included a talk by Representative Greenwood, a member of the Legislature, and of the conference, who went to Pittsfield especially to find out the feelings of the conference on the Batchelder bill and the Lomasney bill, although the latter was given but little consideration.

Representative Greenwood said that he and Governor Walsh received requests yesterday morning to do all in their power to have a certain bill carried through. He did not name the bill but intimated that it was the Lomasney bill. He said that he came to Pittsfield especially to find out the position of the conference; that he wanted no uncertain stand in its position, nor does the Governor want any such stand. Mr. Greenwood said there is absolute danger before the Congressionalists and other denominations.

Wherever power, he said, has been given to the Legislature to appropriate for sectarian institutions the Roman Catholics have been the only ones to try to intimidate the legislators. He showed copies of three Roman Catholic papers placed in his own mail box at the State House and said that other legislators had received like copies. He said that they show how members of last year's Legislature voted on such a bill as the Batchelder bill and how the members or some of them will vote this year. He said the papers name 65 men who signed a petition against sectarian appropriations and call them archbishops of our country who are trying to destroy its liberties.

Mr. Greenwood gave figures showing that in Chicago Roman Catholic institutions receive more state money than any other denomination.

Rev. Anna Howard Shaw, M.D.

WILL SPEAK ON

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all other denominations put together. The same is true in Pennsylvania and other states, he said. He is chairman of the public institutions committee of the state and he told of some of the conditions at Danvers and Northampton and elsewhere.

People outside the church expect this conference to stand against something like this measure, he said. In Pennsylvania all kinds of institutions from the biggest church to the Salvation Army and the missions draw heavily from the state. Mr. Greenwood said he liked the Salvation Army and the missions, but objects to their drawing money from the state.

There was a large majority in favor of the resolve favoring the Batchelder bill. The committee on moral and social welfare made a report ostensibly from the committee, printed and sent out in advance some time ago, which the committee contents expressed solely the views of the Rev. A. A. Berle, recent chairman of that committee, on the sectarian bills, as the committee did not have a chance to meet and adopt a report before the one which has raised so much discussion was sent out by Dr. Berle.

These officers were elected: Moderator, Edwin O. Child of Newton; vice-moderator, the Rev. George W. Andrews of Dalton; secretary for three years, the Rev. Henry L. Bailey of Longmeadow; registrar for three years, the Rev. F. J. Marsh of Upton; assistant registrar, the Rev. Harrison L. Packard of Shelburne Falls; executive committee, Samuel H. Thompson of Lowell, Lewis A. Crockett of Boston, the Rev. Samuel C. Bushnell of Arlington; trustees for three years, Charles D. Bush of Newburyport, the Rev. John L. Kilbon of Springfield.

JACKSON FRESHMEN DINE

Jackson College freshmen class held its first dinner last evening at the Copley Square hotel. Speeches were made by Miss Jane Davies, president of the class; Miss Dorothy Hart, president of the junior class; Miss Elizabeth Sargent, representing the athletic association and Mrs. Caroline Davies, dean of the college. The toastmistress was Miss Dorothy Danver.

FISHING BOAT REPORTS ATTACK

SAN DIEGO, Cal.—The American fishing launch New Ancono arrived here Wednesday with bullet holes in her hull, received, her captain, Joseph Escolanus declared, in an attack by the Mexican patrol launch Ensenada.

SALVATION ARMY LEADER IN BOSTON FOR THE CONGRESS

Commander Miss Evangeline Booth of the Salvation Army arrived in Boston this morning to attend the New England congress of the organization which is being held here until May 23. Miss Booth will take an active part in the congress and preside at the musical festival to be held in Tremont Temple next Sunday afternoon.

The session which opened at 10 a. m. today in the People's Palace was addressed by Col. Gustav Reinhardsen and Lieut.-Col. Willard Jenkins. The speakers at the afternoon session were Lieut.-Col. Charles Miles and Lieut.-Col. A. M. Damon. Miss Booth will give an address tonight.

The congress will proceed with a parade in which 200 Salvationists will take part on Saturday and meetings in various parts of Boston and Cambridge. Delegates to the convention were welcomed last night by Mayor Curley and a letter from Governor Walsh expressing his approval of the army's work was read by the presiding officer, Colonel Gifford.

HARVARD CIRCOLO ITALIANO MEETS

Circolo Italiano of Harvard University held its annual dinner last night. The chief speakers were Signor Giuseppe Spano, secretary of the North American Civic League for Immigrants, and Doctor Bottero, the Italian novelist and playwright from Genoa, who has recently come to Boston. Signor Spano told the attitude of the Italians in America toward their mother country in the present crisis and said that in spite of their warm feelings toward Italy they would not forget their loyalty to the United States, and would abide by President Wilson's call for neutrality among the people.

MUSIC NOTES

Mrs. Helen Allen Hunt announces a recital of her pupils in singing at Huntington hall, 30 Huntington avenue, on the afternoon of May 22, at 3 o'clock. The annual concert by members of Alpha chapter, Phi Mu Alpha, Sinfonia Fraternita of America, drew a good sized audience to Jordan Hall last evening.

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DYE AUTHORITY MAKES REPORT ON SITUATION

Dr. Thomas H. Norton of the United States Department of Commerce Gives the Result of His Late Tour of Investigation

Special to The Christian Science Monitor from its Washington Bureau

WASHINGTON—Dr. Thomas H. Norton, the government's authority on dyes, has recently returned from a tour of inspection which brought to his personal notice the dye situation in the United States as a whole. He visited not only the manufacturers who use dyes in the finishing of their goods, but he also visited the firms which are producing dyes. At the request of Secretary Redfield of the department of commerce, he has made an extended official report which gives the results of his observations. That report, it is believed, sums up the dye situation in this country more accurately and more clearly than any report yet made, whether of government or private origin, and opens the way to a proper understanding of one of the most interesting and important trade problems for which the European war is responsible.

"The scarcity of artificial dyestuffs," says Dr. Norton, "is being felt more and more acutely each day throughout the country. The great textile interests, the manufacturers of paper, ink, varnish, pigments, leather articles, feathers, etc., find it increasingly difficult to obtain needed supplies of colors. Many brands have completely disappeared from the market. Small supplies of Swiss coal-tar dyes, shipped via Bordeaux, are still received. Since March 10 no shipments from Germany have entered American ports.

"Permission was granted by the British government in April for the despatch of two shipments of German dyes for exclusive American consumption. Either the difficulties attendant upon the conditions prescribed by the British authorities for the release of the two cargoes, or the unwillingness of the German government to allow the export of these wares, without some compensation in the way of additional American imports, have prevented thus far the actual shipment of the much-needed supplies.

Supply Is Short

"In the meantime the New York agencies of the great German color works have hoarded to the utmost their dwindling stocks. But few sales are made to concerns not regular customers. These latter are restricted, as a rule, to quantities well within the usual quota of their weekly or monthly supplies. Nearly all the dyes in the warehouses of the New York agents are now engaged for delivery during the next few weeks. Each day witnesses the complete disappearance of one or more colors from the stock list. By the middle of June deliveries of nearly all German-made dyes will have ceased, as far as existing stocks on American soil are concerned.

"There is still the possibility in re-

serve that means may be found to bring about the shipment of the two cargoes of German dyes already mentioned. In a general way, this would supply the average American demand for two months, or slightly longer. There is also the possibility that through some sudden change in military operations, or in the policies relating to the export from Germany of non-contraband merchandise, the way may be open for the unrestricted shipment of German dyes. There seems to be no question but that the German works have ample supplies of most colors ready for export to American markets as soon as free and safe transport is assured.

Dr. Norton says, however, that there is "little expectation apparent among either importers or consumers of foreign-made artificial dyes that any material change in the embargo on the exportation of German dyes will take place during the remainder of the current year."

Some large consumers of dyestuffs, Dr. Norton points out, were far-sighted enough to lay in very heavy supplies immediately after the outbreak of the war. One of the large textile firms in New England, for instance, has now on hand enough stock to meet its needs until the beginning of next winter. There are a few other houses equally fortunate, but their number, it is pointed out, is not large. Most textile and other works dependent upon dyestuffs have not attempted to carry a reserve above what would cover normal consumption for about two months. Such reserves have tended to decrease as a result of the restricted distribution from stocks of importing agencies. The great mass of consumers of foreign-made dyes, Dr. Norton believes, will probably have exhausted their supplies by the middle of July, 1915, under existing conditions.

Preparing for Changes

The majority of such consumers, it is said, have begun to prepare for the inevitable changes following a cessation in the customary supply of colors. These changes are manifold in their nature, involving alterations and modifications in styles and color schemes, the utilization of dyeing materials requiring unfamiliar methods of application, and a more or less serious dislocation and readjustment of all phases of manufacture dependent upon the element of color.

"In all this uncertainty and anxiety," says Dr. Norton, "when vast business interests are threatened at a vital point, there is something decidedly cheering in the enterprise and intelligence being brought to bear to solve the difficult problem in a genuinely national way."

"With each added week since the shipment of German dyes has been placed under embargo, and each successive indication that a lengthy period must probably elapse before the customary machinery of supply can again be set in motion, there has been a steady growth in the feeling throughout wide circles that the time is ripe for our American coal-tar chemical industry to expand from its present very modest proportions to a position where it can become the dominant factor in meeting the needs of sister industries.

"This conviction is finding practical expression in a variety of directions. A review of what is being done shows clearly that not only is every effort being made to meet the urgent demands of a critical situation, but that the foundations are being laid for the more per-

manent evolution, along natural and healthful lines, of a distinctly American color industry, using American raw materials, and meeting the bulk of American needs.

Phases of Industry

"The three phases of the complete industry are the production of coal-tar 'crudes,' of 'intermediates,' or semi-manufactured compounds, and finished dyes. Along all three lines pronounced progress has been made during the last few months."

"Dr. Norton, in his official report, gives a good many details connected with the present development of the dye industry in the United States, including the names and locations of plants, the amount of increased capacity, and the probable output. The combined efforts of these works, he says, will unquestionably do much to mitigate the difficulties inevitable upon a cessation of supply of German dyes. "Still, at the best," he adds, "they can replace for the next few months, or even for a year, only a relatively small quantity of the lacking colors."

The result has been the commencement of a demand by American mills for natural dyestuffs. One large dye-wood establishment has increased its sales by 25 per cent during the last few months. Another reports an increase 50 per cent of orders for logwood extract, and by 75 per cent of orders for certain other kinds of natural dyes. It seems certain to Dr. Norton that the use of natural dyes is to begin in an extensive way throughout the United States, and that in this way a part of the shortage of German artificial dyes is to be met. This change is being attended with more or less annoyance, due to the fact that the artificial dyes years ago drove most of the natural dyes out of the market, the present generation of dyers knowing very little about them.

"One result of the present critical situation," in the opinion of Dr. Norton, "will probably be a general awakening to the importance of a well-balanced scheme of dyeing of old-fashioned colors, whose unquestioned worth still gives permanent value to the choice products of oriental looms."

"The American manufacturers of natural dyestuffs have appreciated the necessity of educational propaganda in this field. Skilled demonstrators are now visiting textile mills and giving practical exhibits of the modern perfected methods for using the standard natural dyestuffs with ease and confidence."

Situation Reviewed

A general review of the situation, as it has been analyzed by Dr. Norton, is contained in paragraph form, as follows: The stock of dyes of German origin in American warehouses and mills is rapidly approaching exhaustion. It will probably disappear before the end of July.

An ample stock of coal-tar dyes, ready for export to the United States, is held by the German manufacturing firms. It awaits the opportunity and assurance of safe transport. The American government is doing its utmost to secure that opportunity and assurance.

Expert opinion regards as highly probable a complete suspension of all imports of German dyes for several months, possibly for the remainder of the current year, and possibly longer.

Existing American coal-tar chemical works are making every effort to increase their output and are rapidly over-

coming the handicap resultant from dependence in the past of German intermediates. This output is increasing steadily week after week.

An ample supply of coal-tar crudes is assured for the prospective needs of dyestuffs manufacturers.

The American manufacture of aniline and other coal-tar intermediates, from American crudes, has been started upon a generous scale by all existing dyestuffs works, and by five new plants specially devoted to this field. Several other works are in process of erection, or in contemplation.

The foundations of a genuine American coal-tar chemical industry, are thus apparently being laid.

This industry can supply only a small share of the American demand for the current year, but is susceptible of steady and relatively rapid expansion.

Speculative Element

Unquestionably much of the capital invested during the last few months has been in the nature of a speculation. At current rates for aniline and for finished dyestuffs, there is a fair chance of quickly covering the cost of a new plant, of making a good profit, and of being in a satisfactory shape at the return of normal conditions to embark in competitive manufacture under favoring circumstances.

Numerous interviews had by Dr. Norton with those who have participated in these preliminary steps in the evolution of a national industry have brought to light a marked confidence on their part in the final success of the undertaking, provided the capital invested is exposed to no more danger than that involved in fair and open competition with foreign manufacturers of dyestuffs.

Capital hesitates under existing conditions to embark heavily in an undertaking where there is a strong probability, if not a certainty, that upon the return of normal conditions an incipient, half-developed American industry would be exposed to prolonged and relentless underselling by foreign competitors possessing almost boundless resources, financial and technical.

There is a very strong conviction among those experienced in the industry, and among those just entering it, that the majority of the coal-tar intermediates required in making dyes, and the great bulk of the coal-tar dyes now imported from Europe can be profitably manufactured on American soil under existing tariff rates, if there is adequate statutory protection against the "dumping" of foreign stocks; or, protection against unfair competition in restraint of trade by persons or firms outside the United States.

Whether public opinion will recognize general legislation in this direction as of urgent necessity remains to be seen. There seems, however, according to Dr. Norton, to be no question but that ample capital is available for the needs of an American coal-tar chemical industry, and that a large measure of enterprise and technical skill is ready to enter the new field, provided this one serious obstacle is definitely removed.

PROGRAM READY FOR MEETING AT HARVARD IN JULY

Wide Range of Educational Topics to Be Discussed by Many Speakers at American Institute of Instruction Sessions

Delegates and visitors to the eighty-fourth annual convention of the American Institute of Instruction to be held at Harvard College on July 1, 2 and 3 are promised a program that for practical application and enlightenment can be surpassed by no educational organization this year.

There will be but two general meetings, the opening meeting on Thursday evening and a second one on Friday evening. The remainder of the time will be given over to conferences. These will pertain to school administration, elementary school and kindergarten propositions, high schools, standard tests and measurements, normal schools, evening schools and rural schools. The programs for these have just been issued.

At the opening meeting on Friday evening in Sanders theater addresses of welcome are to be made by Governor Walsh, Timothy E. Good, mayor of Cambridge, Dr. John E. Dwyer, president of the school committee, Cambridge, and Prof. H. W. Holmes of the division of education, Harvard University. The address of the evening will be made by Robert J. Aley, president of the University of Maine, on "Education and Democracy." Marie Shedlock of London, England, will give an illustration of story telling.

School Peace League

The Friday evening meeting will be held in the same place under the auspices of the American School Peace League and the American Institute of Instruction, with Samuel J. Elder presiding. Prof. George W. Kirechew of Columbia University will give an address on "America and the War." Samuel Chiles Mitchell, president of Delaware College, Newark, Del., will give an address on "After Nationality."

School Administration

The conferences will be as follows: School administration, July 2, 9:30 a. m., Prof. H. Hanus, division of education, Harvard University, presiding. Topics, "The Superintendent and the School Committee," J. H. VanSickle, superintendent of schools, Springfield, Mass.; "Vocational Guidance," Frank V. Thompson, assistant superintendent of schools, Boston; 2 p. m., leader, Walter E. Ranger, state commissioner of public schools, Providence, R. I., topic, "The Training of Vocational Teachers," Robert O. Small,

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deputy commissioner of education of Massachusetts, Boston; Charles R. Allen, agent, Massachusetts board of education. Address, "Corporation Schools," F. C. Henderschott, executive secretary, National Association of Corporation Schools, New York city.

Elementary teachers, July 2, 9:30 a. m. and 2 p. m. Leaders, morning, Michael E. Fitzgerald, superintendent of schools, Cambridge; afternoon, J. C. Gray, superintendent of schools, Chicopee, Mass. Topic, "Economy of Time in the Elementary Schools": a. As a determining factor in school organization. b. As affected by classroom methods, time allotment and selection of subject matter. c. As illustrated in the teaching of language, arithmetic, etc. The topic will be discussed by Stanley H. Holmes, superintendent of schools, New Britain, Conn.; Arthur L. Gould, master of Dearborn school, Boston; Mary A. S. Mullan, assistant superintendent of schools, Fall River, Mass.; Herbert H. Bats, principal Training School for Teachers, Cambridge, Mass.

Conference for kindergarten teachers, July 2, 9:30 a. m. Leader, Lillian B. Poor, assistant director of kindergartens, Boston. "Practical Ideas for Child Study," Andrew W. Edson, associate superintendent, New York. Address by Catherine J. Tracy, Ethical Culture school, New York; discussion, Dr. Evangeline W. Young, Boston, Prof. Henry W. Holmes, Harvard University, and others. July 3, 9:30 a. m., joint conference with superintendents of schools; "Why Every School System Should Include the Kindergarten," Caroline D. Aborn, director of kindergartens, Boston.

High School Topics

High school conference, July 2, 9:30 a. m., leader, Clarence D. Kingsley, high school inspector, Massachusetts board of education. Henry Neumann of the Ethical Culture school of New York city will speak on "The Paramount Aim in Teaching High School Literature Should Be to Strengthen and Clarify Ideals of Conduct." Charles H. Levermore of the World Peace Foundation, Boston, will speak on "A New Concept in the History and Civics Classes." At 2 p. m. James H. McCurdy of the International Y. M. C. A. College at Springfield will give an address, and Henry C. Morrison, state-superintendent of public instruction in New Hampshire, will speak on the proposition: "Except for Pupils Preparing in the Engineering Schools, the Traditional High School Mathematics in its Present Form Has but Little Value."

On Friday morning the discussion will be on the following topics: "In Many Communities 90 Per Cent of the Pupils Who Enter High School Should Be and Can Be Induced to Remain Four Years," Frank L. Boyden, principal of the Deerfield Academy, Deerfield, Mass.; "For an Efficient Democracy, Common Elements as Well as Variable Elements in High School Education Are Essential," Alexander Inglis, division of education, Harvard University; "The Usual Lax Organization of High Schools Can Be Remedied by System in which Pupils do a Large Part of the Clerical Work," William B. Alexander, principal high school, Greenfield, Mass.

Tests and Measurements

Standard tests and measurements, July 2, 2:30 p. m. Leader, Prof. W. F. Dearborn, division of education, Harvard University. 1. Tests and standards of measurements, James H. VanSickle, superintendent of schools, Springfield, Mass. 2. The scientific measurement of reading efficiency with pedagogical conclusions, H. A. Brown, deputy state superintendent of public instruction, Concord, N. H. 3. Standard tests in the Boston public

schools, Arthur W. Kallum, department of educational investigation and measurement, Boston public schools. Discussion, Mary C. Mellyn, director of practice and training, Boston public schools; C. R. Reed, principal Pierce school, Brookline, Mass.; John M. Brewer, Harvard University.

July 2, 3:30 p. m., leader, Jeremiah E. Burke, assistant superintendent of schools, Boston; address, Prof. George E. Dawson, Springfield, Mass.; discussion, John M. Brewer, Harvard University. Normal schools, July 2, 9:30 a. m. Leader, J. A. Pitman, principal State Normal school, Salem, Mass. Topic, How far is it practical to train students for special lines of work? A. Elementary grades, B. Intermediate schools, C. Commercial subjects: the household arts; the practical arts; practical science. Speakers, Dr. David Sneden, commissioner of education, Massachusetts; Henry T. Burr, principal State Normal school, Williamamie, Conn.; Walter G. Whitman, Normal school, Salem; Alexander H. Sproul, commercial department, Normal school, Salem; William G. Vinal, Normal school, Providence.

School Administration

July 3, 9:30 a. m. Leader, Ernest L. Silver, State Normal school, Plymouth, N. H. Topic, "The Normal School and the State: the broader Outlook." 1. general and special values. 2. Education or training for the teacher. 3. The teacher a maker of citizens. 4. The teacher a practitioner. Discussion, George H. Whiteher, deputy state superintendent, Concord, N. H.; Laura M. Johnston, supervisor State Normal school, Plymouth, N. H.; Leonora E. Taft, superintendent, Woodstock, Vt.; W. G. Mallett, principal Normal school at Farmington, Me.

Evening schools, July 3, 9:30 a. m. Leader, John J. Mahoney, assistant superintendent of schools, Cambridge. Topics—(a) The place of the evening high school in the school system; (b) The problem of attendance and grading in classes for foreigners; (c) Evening extension work for grade pupils. Speakers, Carlos B. Ellis, principal High School of Commerce, Springfield, Mass.; M. J. Downey, assistant director of evening schools, Boston; Laurence J. O'Leary, director of evening schools, Lawrence, Mass.; Thomas L. Bramhall, master evening high school, Cambridge, Mass.

Rural Schools

Rural schools, July 2. Leader, Wallace E. Mason, principal, Normal school, Keene, N. H. 9:30 a. m. "The Ideal Rural School and Grounds," Principal W. A. Baldwin, Hyannis, Mass. The model house built by the Hyannis pupils will be on exhibition. "Possibilities in rural school construction," illustrated by charts, Harold Elliot Mason, architect, Keene, N. H. "One Hot Dish for Lunch, Daily," Louisa J. Pryor, dean Nason Institute, Springvale, Mo. Discussion, Bertha C. Manchester, Bath, N. H. "How the Rural Teacher can Use the Public Library," Rebecca Wright, secretary Vermont free library commission, Montpelier, Va. Discussion, Mary Richardson, Normal school, Castine, Me. "Playground Apparatus for Rural Schools, What to Have and How to Make It," illustrated by stereopticon, Warren Dunham Foster, editorial department Youths Companion. 2 p. m., "Manual Arts Projects for Rural Schools," George H. Whitcomb, deputy state superintendent, Concord, N. H. Discussion, Benjamin H. Van Oot, Normal school, Gorham, Me.; Leon H. Baxter, St. Johnsbury, Vt. "Agricultural Projects for Rural Schools," Prof. O. A. Morton, Massachusetts Agricultural College. Discussions, Prof. Ralph W. Mitchell, University of Maine, and Superintendent Carlton D. Howe,

Morrisville, Vt. "The Opportunities of the Rural Teacher," H. W. Foght, specialist in rural school practice, United States department of education, Washington.

The officers of the American Institute of Instruction are: President, William Orr, Boston, Mass.; vice-president, Carlos B. Ellis, Springfield, Mass.; secretary, Wallace E. Mason, Keene, N. H.; assistant secretary, Lillian H. Kenney, Cambridge, Mass.; treasurer, Lewis H. Meador, Providence, R. I.; assistant treasurer, Arthur C. Wadsworth, Cambridge, Mass.

CONDITIONS OF LASTING PEACE TOPIC OF SPEECH

PROVIDENCE, R. I.—Five conditions necessary for permanent peace in the world were outlined by Dr. George W. Nasmyth of the World Peace Foundation, Boston, in an address given Wednesday night before the Local Council of Women of Rhode Island and the Rhode Island Peace Party.

The first condition of a more lasting peace, said Doctor Nasmyth, would be the establishment of a league of the powers with an international council in place of the balance of power.

The second condition of a more lasting peace would be the removal as far as possible of the economic causes of war, such as preferential tariffs. The third would be the recognition of the rights of nationalities to freedom to develop in accordance with their own genius. The experience of the last century had shown that it is folly to expect real peace unless each racial unit was given the right to use its own language, to practise its own religion and to govern its own local affairs. It should be established that no territory shall be transferred from one country to another without the consent of the inhabitants.

The fourth condition of lasting peace would be an international agreement for the limitation of armaments. A step toward the reduction of armaments would be the abolition of private profit from their manufacture. The neutralization of the high seas and of the principal maritime trade routes was the fifth condition proposed.

PROFESSOR SAUVAGEUR SPEAKS

Prof. Albert Sauvageur of Harvard spoke on "The Microscopic Examination of Steel and Other Metals" before the Boston Society of Civil Engineers at its regular monthly meeting at Tremont Temple last night. Previous to the meeting an informal dinner and social was held at the Boston City Club.



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THE UNIVERSITIES OF THE WORLD

Horace Mann School for Boys, Outgrowth of One Established as Department of Teachers College, Columbia, One of Typical Preparatory Educational Institutions

Pleasure seekers at Van Cortlandt park, who turn their eyes upward to the ridge lying between the park and the Hudson river, are at once attracted by a great stone building of fireproof construction occupying the grounds comprising 10 acres and securing one of the finest views to be had in the vicinity of the greater city. The new building, which was opened last autumn, is equipped with every modern device for effective work and helpful recreation—the roof, covered with glass and with shade shades, gives protection against the weather; it contains about 7500 square feet, making a roomy playground through the winter. In the basement one finds the kitchen, pantries and lunch room, while the first floor contains the main play room.

The modern three-story building is surrounded by football and baseball fields, 11 tennis courts, a running track and facilities for handball and basketball, while students secure at Van Cortlandt park, in close proximity, additional facilities for golfing and skating. The unusual equipment for the recreative or the educational play-life of the students would seem at first sight to overbalance the opportunities for the regular school work. When one examines more closely the large study halls and recitation rooms, the chemical and physical laboratories, the art and music rooms, the lecture room and the library one finds reason for the popularity of the school which already contains boys to nearly its full capacity.

Virgil Prettyman, the headmaster, occupies a house of stone immediately to the east of the main building, and his devotion to the work of the boys in his school resembles that to be seen in the large private preparatory schools. His aim, as he is wont to tell the visitor, is a school of high-grade accomplishment, especially in class-room work, and neither he nor his excellent staff of instructors are inclined to sympathize with the boy who is not willing to work. "We have no place for them at Horace Mann," is his statement.

This new equipment for one of the

best-known institutions for training school boys has grown out of the Horace Mann school, established in 1887 as a department of Teachers College, Columbia, at 9 University place, New York. In the year 1894 the school opened in the new building of Teachers College at West One Hundred and Twentieth street. In 1901 Mr. and Mrs. V. Everett Macy gave the Horace Mann building; and this building, because of the rapid increase of students—both boys and girls—soon made necessary larger accommodations, and it brought about the separation of boys and girls of the school and the establishment of the new Horace Mann school for boys at Riverdale.

The curriculum comprises six years in this day school and is intended to meet the needs of those who enter college and business and industrial life. The first form is composed of boys from 10 to 13 years of age who have completed the first course of public school or its equivalent. The school takes entire charge of and responsibility for the boy for the day and watches his recitations, his study and play, returning him to his home in time for dinner. The larger boys are expected to follow a regular schedule of home study five nights in the week. A restaurant is supplied where the boys secure their lunches and where frequent receptions, entertainments and debates bring to the school the parents and friends of the students. One can discover at once the systematic character of this institution. A report on the work and condition of each student is sent to the parents four times in the year. If it is deemed necessary, this report is sent more frequently and the cooperation of the parents is secured when necessary to meet the particular needs of the pupils.

The fact that Horace Mann is now a day school makes it possible for boys living in New York and vicinity to secure their preparatory training at a much lower cost than at some of the larger preparatory schools. Students are required to take the studies selected in all of the three lower forms, while in the upper three forms the selection of studies

is determined to a large degree by the college entrance requirements.

Among the student organizations which have a popular hold upon the youth are the Horace Mann Debating Society, the Horace Mann orchestra and the Horace Mann Record.

The school is a fit representative of the aptitude of Americans for effective and systematic organization. The visitor also is impressed with the fact that the ideals of the institution are as high as the equipment is unusual. The motto of the pupils was given by President Nicholas Murray Butler, "Patience to be thorough, a concentration to understand, and the persistence to grasp and to apply."

A quite different but not less efficient preparatory school for American boys is the one situated at Hightstown, N. J.—the Peddie Institute—which has seen in the past few years a notable advance both in the building equipment and the number of students.

Headmaster Roger W. Swetland is building here one of the great schools of the United States. It was only a few years ago that it was decided to eliminate the coeducational character of this institution, and since that time the institution has seemed to take on new activity and distinctive character as a boys' school. Already the school names among its alumni many leading public men, a recent Governor of New Jersey being a graduate of Peddie. The expenses are from \$450 to \$550 a year, including, of course, all the living conditions, as well as tuition. Peddie is one of the comparatively few institutions of America which has seen a decided increase in the number of students the past season of somewhat depressed financial conditions. The number of students at present is nearly 400. A goodly number of scholarships are provided.

The course is a broad one, and qualifies a large corps of boys each year for college. The grade of the school is shown by the fact that 75 per cent is the minimum standing for passing or continuing in any subject. The institution will compare well with smaller colleges in certain parts of the country in its corps of excellent instructors in classical, philosophical and English courses, while the equipment of out-of-door life and social advantages, together with notable lecturers who from time to time visit the institution, distinguishes Peddie Institute as one of the institutions taking a large place in the molding of Americans.

THE CHILDREN'S PAGE

BIRDS ONE SEES NEAR SCOTCH TOWNS

Let us suppose that we are taking a walk in the country, but not far from a large town, and let us make a note of all the birds we see, writes a contributor to the Girls' Guild Gazette, published in Glasgow, Scotland. The sparrow is, of course, the bird we first observe. Notice that as we gradually proceed away from town, the white bars on its wings, which are very often obscured by the grime and smoke of town, become more conspicuous. The familiar little robin will sooner or later make its appearance and the air is filled with its soft mellow notes, which may be heard all through the winter.

The blackbird and thrush next come to our notice, the former with its beautiful black body contrasting strikingly, but pleasantly, with its bright yellow bill, and the latter with its somber brown body and spotted breast. The song of the blackbird and thrush, though often confused, are not in the least similar; that of the former is a flute-like sound, while that of the latter is shriller, more variable and constantly repeats its phrases. The starling, too, is conspicuous, its swift darting flight distinguishing it from all the other birds.

The rooks soon draw our attention by their noisy cry. These birds are commonly but wrongly called crows, the more obvious differences between the two birds being that the former live together in large numbers, while the latter live only in pairs; and further, that the rook has a large whitish patch above its beak, which the crow lacks. Young rooks, it is true, have some feathers on their beaks. These, however, are soon rubbed off by the earth when the birds turn up the earth for grubs.

A little brown bird may make its appearance flitting about in the hedge, and at a glance one is apt to mistake it for a common sparrow, but on closer inspection it will be found that the crown of its head is brownish, whilst its neck is slate gray in color. Its body and beak, too, are more neatly formed than that of an ordinary or house sparrow. This bird is the hedge sparrow. Do not be misled by its name, for although it is called a sparrow, it does not belong to the same family as the house sparrow. The hedge sparrow has a rasping cry in winter, but in summer and autumn it fills the air with a beautiful lay.

The melancholy cry of the pewee or lapping, uttered as it cuts the most wonderful figures in the air, attracts our attention. Look, yonder is another feeding in a field. Notice the green color of its back, which has given it the name of green plover, and also its conspicuous crest. Listen to that lark carolling in the sky. Can you see it? There it is, a mere speck. Watch and see if it drops. Yes, it dropped just now. One is apt to think it is going to fall to earth, but no, it steadies itself on its wings. Have you ever found a lark's nest? Like that of the pewee, it is always found on the ground, and the color of its eggs is brown, spotted with chocolate. Is it not curious that although it soars so high, it should yet build its nest on the ground?

We pass a little wood on the way. What birds do we find here? What bird is it that "cheeps" in that tree? See, it is hanging head down from the branch by its claws. The top of its head and its back are blue. There is a little white patch on each side of its head and its breast is yellow. It is a blue tit, tom tit, or blue bonnet, as it is variously called. There is a bird somewhat like it, only its head is black, with large white patches, and it has also a patch on the back of its neck. This is a (cole) coal

tit. There is still another species of tit on the hedge—the great tit. It is like the blue tit, but larger, and the yellow on its breast is brighter and has a vertical black stroke upon it. Both the blue tit and great tit may be seen in town, and if you have any trees near your house hang upon a piece of suet or coconut, or any kind of nut at your window, and if there are any tits in the vicinity they will soon make their appearance. In this wood there are also two very small birds—the wren and the goldcrest. The former is easily recognized by its small size and turned up tail; the latter, which is the smallest of British birds, is of a yellowish-green color, with a golden crest on its head. It "cheeps" somewhat like the blue tit, but the two sounds may be distinguished by practice. Let us pass on.

Here is a farm. Some new birds await us. Here is a beautiful bird with pink breast, blue head, and white bars on its wings like those of a sparrow, which it also resembles in shape. They belong to the same family—the finch tribe—and this new bird is called a chaffinch. Yonder is another bird somewhat like it, only green and more heavily made. That is a green finch. A bird which you will often see is a pied wagtail, commonly known as the water wagtail. This is an amusing little bird with a fitful flight, black in color, with white patches, and with a very long tail which it "wags," or rather moves up and down incessantly—hence its name.

Seventeen Ants

What ant hires his home? (Tenant)
What ant is joyful? (Jubilant)
What ant is learned? (Savant)
What ant is angry? (Indignant)
What ant is well informed? (Conversant)
What ant is trustworthy? (Confidant)
What ant is proud? (Arrogant)
What ant sees things? (Observant)
What ant tells things? (Informant)
What ant is successful? (Triumphant)
What ant is an officer? (Commandant)
What ant is obstinate? (Defiant)
What is the ruling ant? (Dominant)
What is the wandering ant? (Errant)
What ant lives in a house? (Occupant)
What ant points out things? (Significant)
What ant is prayerful? (Suppliant)
—Exchange.

Friday

It's heaps of fun to be a boy.
When Friday comes along;
That day a boy don't mind a bit,
No matter what goes wrong.
Sometimes on Fridays we are good,
A regular model class.
The teacher smiles at three, and says,
"The first line rise and pass."
We get our hats; our books we strap;
And whistling a tune.
We hurry out. There's nothing like
A Friday afternoon.
You say it's odd that Friday should
A part so noted play?
Just ask a boy. He'll tell you why;
The next is Saturday.
—Arthur H. Fowell, in the Youth's Companion.

Little Problem

170. A buys an article for 80 cents and sells it for \$1. B buys an article for \$1 and sells it for \$1.20. Who makes the greater percent? What percent does each make?
Answer to Little Problem No. 169—The two numbers are 112 and 84.



Camera Glimpses: In Clean-Up Campaign

Well equipped for rapid work is this little campaigner, "Joe," who is helping clean up his home town, Somerville, Mass. The photograph was sent in by Winfield W. Blakeman.

In this department the most acceptable photograph received each week will be reproduced in the Monitor. The subjects may be historic places, quaint houses, parks, picturesque landscapes, marine views, river views, old bridges,

school gardens or playgrounds, or children at play. With the photograph should be sent a title and the location of the view.

If a suitable descriptive story of not over 200 words comes with the picture it will be published. Write name and address plainly and enclose stamp if return of the picture is desired. Send to "Children's Page, The Christian Science Monitor, Falmouth and St. Paul streets, Boston, Mass."

TREE CONTEST, TWO OTHER GAMES

Tree Game—In order that the players may choose partners, give out cards of red, green, yellow and brown cardboard cut in the shape of leaves—maple, elm, oak, etc. There should, of course, be only two leaves of the same shape and color, one of each being passed to the girls, the corresponding ones to the boys. The game is played in the usual way where there is a pool of letters, except that the words made must be only the names of trees or shrubs. Each one in turn draws a letter from the pool, then tries by transposing one of his opponent's words to use this letter, and so make a new word for himself. Plurals are not considered new words. If one cannot use the letter to draw from his opponent's, or in his own list, it is thrown back, and the turn passes to the next. If, however, the letter is used, the player has another turn. When either couple at the head table have

made 10 words, the bell is rung and the players score and progress as in any other game.

When supper is served, have the table decorated with a plant standing in the center, and from this to each corner of the table have a row of Noah's Ark trees, which can be purchased at any toy shop. Stand one of these on each of the plates as they are passed. They will make attractive souvenirs of the occasion.—School Education.

Number Game—Passing quickly through the aisles, crayon in hand, I place a number on each slate, not going beyond 60. A boy or girl is then called to the platform, holding the slate so that all can see the number. The children rise in turn, hold up their slates, and, telling what their numbers are, ask the pupil on the platform a question. When he fails to answer correctly, he goes to his seat, and the one who asked the question answers it and takes his place.

Suppose the boy's number to be 45, the questions will run like this: "My number is 37, how much more is yours than mine?"

"My number is 10; if cents, how many 10-cent tops could you buy, and how much over?"

"My number is 27, add mine to your number."

"How many nickels in your number?"

"If my number be taken from your number, what will be left?"

This calls for close attention and rapid thinking.—Indiana School Journal.

Geography Game—Once a week in this school, which is semi-graded, I combine the sixth and seventh grades in geography and let them play a game in which each pupil receives a number of cards with questions and answers covering interesting and important facts in geography. Each pupil asks a question on one of his cards. The pupil answering it correctly receives the card. The object is to see who has the most cards at the end of the period.—Progressive Teacher.

Put Most Finished Bit of Work at End

Concerning the making of programs for children's plays, Constance d'Arcy Mackay advises in her book, "How to Produce Children's Plays": Usually it is safest to put your shortest play first, and your longest play last. Try to place your most finished bit of work at the end, where it will be twice as telling as at the beginning.

If you are producing two holiday plays, have one modern and the other a costume play. A program of one-act plays might consist of one folk play and one history play. A humorous play should come first and an idyllic play last in a program where both are combined.

It is a good idea for groups of settlements, or for different grades in a public school to study a one act play or episode. If there are 10 or 12 of such episodes, a pageant can be formed at the end of the year. Have your play appropriate to its season.

High School Reception Was Made a Joyous Affair

The best of all was the reception given in the auditorium of the high school by the junior class for the seniors. The class colors are white and gold. Huge jars of golden buttercups, relieved with feathery asparagus, stood everywhere. The piano and the tables held white baskets filled with trailing yellow roses, and from pillars and ceiling and balcony rails fluttered white and gold streamers.

The members of the faculty, with the officers of the junior and senior classes, were grouped informally at one side of the room. A half dozen of the junior boys made it their business to see that the guests moved toward this group, and the six junior girls who hovered on the edge had to exercise all their tact to keep the guests from lingering too long.

Suddenly a bell tinkled, and in the instant's hush came the voice of the junior president:

"Every young man here must begin at once to talk to the girl nearest to him, and keep it up until the bell rings again!"

There was a mild scramble and a

babel of voices, broken in five minutes by the bell that meant "talk to another girl!"

"Who says 'the boys and girls just separate into their own little cliques'?" triumphed the chairman of the entertainment committee.

At the end of an hour two peals of the bell came, followed by the command, "Bring the girl you are talking with for refreshments."

One end of the auditorium had been hidden by white-and-golden screens. These were folded away now, disclosing two tables covered with white crepe paper and strewn with yellow roses.

One table held a huge bowl of fruit punch, plates of sandwiches and of small yellow cakes, and dishes of salted nuts and yellow confections.

Another table held plates, glasses, spoons and paper napkins which were gay with sprays of yellow blossoms.

"How lovely it all looks—and tastes!" said one of the guests appreciatively; "but it must have been a great deal of work. Who prepared all this?"

"We girls did it all ourselves," declared the chairman of the refreshment committee. "It really wasn't so much work. As there were 10 of us on the committee, it meant no great burden for each one."

"We found a fine recipe for the golden

fruit punch. To the juice of eight lemons and four oranges we added four quarts of water and four cups of sugar. Into this went two cans of pineapples and two cups of yellow cherries. This amount serves 50 people."

"Two of the girls prepared the fruit early in the morning and put it in a jar in the refrigerator so that the flavors became blended, and the fruit thoroughly cooled. Just before serving time we poured it into the punch bowl and added the cooled water."

"Of course it takes time to make sandwiches, but many hands make light work," and we selected fillings that were easy to prepare and to spread. For the raisin and nut bread sandwiches we used equal parts of raisins and nuts, finely chopped and moistened with whipped cream. Some of them were moistened with lemon or orange juice. We spread the mixture between thin slices of brown bread very lightly buttered."

"The cream-cheese-and-olive sandwiches were made by working the cream cheese with a silver spoon until it was light and smooth, then adding one half its quantity of stuffed olives, chopped. All this was seasoned with salt, moistened with mayonnaise and placed between thin slices of buttered bread. Even our little yellow sponge cakes are homemade."—Woman's Magazine.

Wild Flowers May Be Made to Grow in Home Garden

Persuading wild flowers to grow in a garden is very much like taming anything else that is wild. It takes patience and tact and thought, for wild flowers are as sensitive and timid and really "wild" as the birds and the little wild rabbits and squirrels and chipmunks that live in the woods, only, instead of being able to run away, flowers disappear right in their tracks, by fading away before your eyes.

This will not happen if you can make them feel at home, writes a contributor to the Woman's Home Companion, so, of course, the one thought to remember is this: never let a wild flower know that it has been moved.

In order to do this, the plants must always be taken up with a great lot of earth around their roots, so that these roots are not uncovered. Then a quantity of the earth around the hole that this earth-ball has left ought to be scooped up and put into a bag and taken home to the garden; for these roots are going to grow and reach out, and you do not give them the same kind of earth they want all around as far as they are going, they will find out the difference very soon.

In an all-shady place, maidenhair ferns will grow—if you give them the rich soil in which you find them in the woods. They like plenty of moisture, too, but not really wet places, well drained, damp earth being what they choose when they are left to themselves. You can move these ferns early in the spring before they have begun to grow, or late in the fall after they have stopped growing; and of course you will set their earth-ball down into the ground just to the same depth it was before you dug it up. Always do this with everything.

In front of these ferns put a quantity of trilliums, from 20 to 30 plants at least, for a mass of trilliums in blossom is a lovely sight; and, besides, they always grow in patches in the woods, and so they like to be planted in companies. Perhaps you will be able to find only one color, the white or the purplish red, but if the two grow where you can get them, have some of each—only do not mix them. Let one portion of the group be of one color, and the rest of it all of the other. You will find the trilliums in blossom, of course, in the spring, but they do not move them. Mark where they are by putting some stakes down around the patch, and then go away and wait until August comes, when the roots of the tubers will have ripened.

Do you know what spring beauty is? It grows in moist woods, and is common in the West and South than in the East; but all over the United States it is wild. It has lovely, dainty early spring flowers, rosy-white; and this you must mark, the same as the trilliums, and wait until August to gather the little bulbs, that are about as large as peas, and brown, and lie on the ground or partly buried in the soft earth. Plant them as you find them, remember, just scattered into the ridges of the earth.

Hepaticas, of course, you must have. Get all colors if you can, and scatter them together in quantity, hit-and-miss. You can move these when you find them, if you will take a good earth-ball. Then, of violets be sure to have many. These like shady places, though they grow sometimes where the sun shines part of the time.

Blue flag will come home with you and stay happily, and so will jack-in-the-pulpit and false Solomon's-seal and almost any little ferns, and the wild fall asters.

Finally, take a plant of jewel weed home. This grows in damp places, usually alongside brooks.

The Land of Nod

From breakfast on through all the day
At home among my friends I stay;
But every night I go abroad
Afar into the land of Nod.

All by myself I have to go,
With none to tell me what to do—
All alone beside the streams,
And up the mountain side of dreams.

Try as I like to find the way,
I never can get back by day,
Nor can remember plain and clear
The curious music that I hear.

—R. L. Stevenson.

GIRLS CANNING AND GARDEN WORK

When the United States lecturer in charge of agricultural club work in the northern, central and western states stopped over one day at the Chemawa Indian school, Marion county, Oregon, to give a talk on home canning, he little thought that the lessons he taught would bring such results as were shown shortly afterward, says a writer for the Country Gentleman. The Indian girls took up canning with a determination to turn out a canning team that would do credit to their school and to enter the canning contests held in connection with the Land Products Show at Portland, Ore.

The Indian canning team won the first prize in the three days' canning contest at last fall's show. These girls competed with the champion team of girls from Pleasant Home high school. They were required to can salmon, vegetables, fruits and practically every farm product.

Florida's girl champion in club work for 1914 is Pettie DeShong. She won \$50 in gold from the State Bankers Association and \$50 from the State Federation of Women's Clubs. She is a Hillsboro county girl, and has won the county championship for three years. Just as she was ready for college her club work profits and prizes made it possible for her to pay her own expenses. All her prize money has been invested in education.

"My club work has helped me to learn about the soil, plants and nature generally," says she. "Besides, the club work made it possible for me to earn my own money at home. Two years ago I won a short-course scholarship at Tallahassee. I'm now in college at Tallahassee."

"My father's tomato patch in 1914 was four acres, unstacked and unpruned. My sister and I had one fifth of an acre together. Our patch yielded one fourth of the output from the entire farm."

"On July 11 my tenth of an acre was cleared and broken. I planted 50 cents' worth of turnip seed. The turnips were ready for sale in six weeks, and it took only a little work on my part to sell \$17 worth in the market. The expenses amounted to \$4.30 for time and fertilizer, giving me a profit of \$12.70. Then I raised a crop of hay—125 pounds cured. In addition to this weight I put up 100 glasses of jelly and 70 bottles of catchup for home use." Here is her statement:

Tomatoes raised on one-tenth acre, 3517 pounds; tomatoes canned, Nos. 2 and 3, 200 cans; value all vegetables grown on plot, \$93.80; cost of production of vegetables, \$33.35; net profit, \$60.45.

Texas claims title to the 1914 southern championship in tomato growing by club members. Lois Robertson is the girl who brought that honor to the Lone Star state. She raised 5660 pounds of tomatoes on one-tenth of an acre of land, showing a profit of \$193. In addition, she won a local county prize, consisting of a Jersey calf valued at \$25; first prize at the Dallas fair, \$40; first prize at the Waco Cotton Palace, \$23; a canning outfit; grand championship scholarship in Baylor Female College, Belton, Tex., and miscellaneous prizes amounting to \$15. Adding the value of her prizes to the net returns from sales of her crop, she made a total of \$496 on her tenth of an acre.

To Get Its Measure

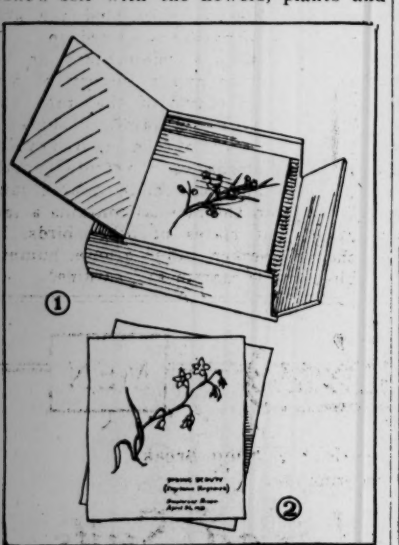
To find the contents of an irregular body, immerse the body in a vessel full of water, and measure the quantity of water displaced.

Fascinating and Pretty Work of Making Herbarium

You have all gathered wild flowers, but how many of you have a herbarium, or collection of varieties, with a record of both the common and botanical names, location where found, kind of soil, and other data. It is a fine way to acquaint one's self with the flowers, plants and

press easy to construct, and Fig. 5 a working diagram. Make base board A 12 inches wide and 18 inches long, and nail the three cross strips B to the under side, one at each end and one in the center; and make the upper board C 12 inches square. Cut the hinge blocks D 6 inches long, three fourths inch thick, and one and one fourth inches wide, and bore a screw hole through each one half inch from each end. By means of these blocks, hinge board C to A, being careful to locate all four blocks in exactly the same relative positions so they will work together.

Mount a flatiron upon board C. This can be done so it may be removed on



ferns discovered while tramping through the woods and across fields. The work is fascinating.

A 25-cent letter file is better than a book to keep specimens in (Fig. 1), and the heavy, light yellow wrapping paper used in butcher shops, cut up into sheets to fit the letter file, is good material to mount specimens on. It is cheap and you can buy as much as you want, as you need it. By placing the sheets loose in the file, the specimens may be arranged according to their genus, and rearranged as new varieties are added.

In addition to the herbarium file, you must have a press. Don't use a pile of books. Make yourself a regular press, or ask brother or father to make one for you. Figs. 3 and 4 show a practical

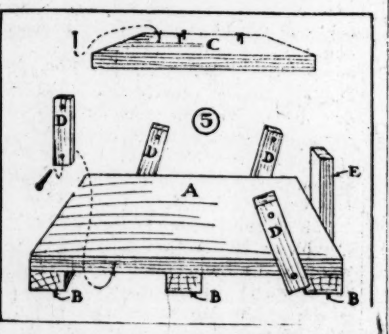
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Mount a flatiron upon board C. This can be done so it may be removed on

ironing day, by driving nails into board B at the sides of the flatiron so the heads come down upon the base, as shown in Fig. 3, and providing a nail to drop in a hole at the flat end, as shown in Fig. 5. The flatiron can then be slipped between the nails, endwise, and locked in place by dropping the loose nail into the hole made for it. Double pieces of cardboard, or tin, beneath the nail heads, will hold the flatiron better than the heads alone

press easy to construct, and Fig. 5 a working diagram. Make base board A 12 inches wide and 18 inches long, and nail the three cross strips B to the under side, one at each end and one in the center; and make the upper board C 12 inches square. Cut the hinge blocks D 6 inches long, three fourths inch thick, and one and one fourth inches wide, and bore a screw hole through each one half inch from each end. By means of these blocks, hinge board C to A, being careful to locate all four blocks in exactly the same relative positions so they will work together.

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2. Glue index tabs to the edges of your sheets, in the same way that letter file indexes are put on, on which to letter the name of each genus, to simplify the finding of specimens.

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MORE STEPS TO TEACH FARMING IN SO. ALBERTA

Ten Demonstration Farms Will
Be Located on Most Traveled
Roads That Lead Into Vari-
ous Trading Centers

MEDICINE HAT, Alta.—The federal government of Canada is adopting this year a new plan for the instruction of the farmers of southern Alberta in the methods of farming best adapted to the climatic and soil conditions which are found in that part of the country. It will establish in southern Alberta 10 demonstration fields of 45 acres each, located upon the most traveled roads leading into the different trading centers.

Demonstration farms heretofore have been operated upon a large scale, and have been located great distances apart. Under the new plan 10 or more demonstration fields will cover a district which formerly was tributary to only one demonstration farm. The demonstration farms not only show the culture of grains, but also the production of livestock. The demonstration fields, on the other hand, will only be used to demonstrate the best methods of growing grain and roots.

These fields will be located on farms at central points, and will be operated by the owner of the farm under the supervision of a government instructor, who will visit them in turn and giving directions where needed. Each field will be divided into eight five-acre plots, separated by 22-foot roads, and different methods of cultivation, different times of sowing, and different rotation of crops will be applied to each plot in order to show just which method is the most suitable for the district.

Another innovation is that all the work will be done by the owner of the farm upon which the field is located, the supervisor merely instructing and directing.

Each plot will have a sign upon it, conspicuously placed, showing what has been planted, when it was planted, and how it was planted. Thus plot No. 1 may bear the sign, "Alberta red wheat, sown one bushel to the acre, April 19, on backsetting eight inches deep." Plot No. 2 will bear the same sign except that it will read "six inches deep," while No. 3 will read "four inches deep." Other plots demonstrating other methods of farming will bear their respective signs, and the farmer passing, or visiting the demonstration fields will know just exactly what treatment each plot has received, and will be able to judge the results for himself.

The government's action in this matter was taken in response to a strong resolution from the Medicine Hat Board of Trade, which was forwarded to Ottawa on March 1 of this year. It is expected that this plan will solve many of the farming problems; raise the standard of proficiency amongst the farmers; minimize the percentage of failures, and materially increase the yield per cultivated acre.

DEDICATE NEW COURT HOUSE AT GRAND FORKS, N. D.

GRAND FORKS, N. D.—Exercises are to be held here today in dedication of the new Grand Forks county court house, built at a cost of nearly \$200,000. The ceremonies have been arranged to begin this morning with a band concert by Larimore and Grand Forks city bands and inspection of the building by the public. The program for this afternoon includes a welcome by Mayor James A. Dinnie and addresses by Gov. L. B. Hanna, Chief Justice C. J. Fisk and Tracy R. Bangs. Dedication remarks are due from R. B. Griffith, president of the Grand Forks Commercial Club; Hans Georgenson, representing the Better Farming Association; C. M. Cooley, judge of the first judicial district, and W. G. Williams of Arvilla, formerly county commissioner.

Inspection will be continued until 6 p. m., in order that all may have an opportunity to visit what is one of the finest structures in this part of the state. The simplicity and dignity which should characterize a place devoted to the dispensing of justice have been well carried out in the architectural scheme of the building, which is impressive without being either ornate or severe. The gloom which has prevailed in many a court house of the past is rendered impossible in this up-to-date structure by dozens of large windows which flood the rooms with sunshine.

The amount of bonds authorized for the construction was \$200,000 at 4 per cent interest, which were sold to the state of North Dakota. The cornerstone was laid July 16, 1913, by Commissioner Joseph R. Poupore, and the principal address was made by George A. Bangs.

JITNEY ORDINANCE IN PROVIDENCE SIGNED

PROVIDENCE—Mayor Gainer yesterday affixed his signature to the jitney ordinance adopted by the city council. In approving the measure the executive issued no statement, except to say that he believed the bill, while not perfect in every detail, to be a fair one to all concerned. The main body of the ordinance does not become effective until July 6, but two sections of it, referring to jitneys waiting for passengers in the center of the city and relative to the number of passengers to be carried, go into effect automatically by the signing of the measure by the mayor.

SYRACUSE AUTOMOBILE CLUB WAGES MEMBERSHIP CAMPAIGN

SYRACUSE, N. Y.—The Automobile Club of Syracuse, Inc., with a membership of between 1300 and 1400 motorists, is known widely for its authentic and up-to-date free touring information. It has its headquarters in the Onondaga hotel, where between 3000 and 4000 tourists are cared for each season.

The office is in charge of H. E. La Vier, assistant secretary of the club. All kinds of maps and route books are kept on file for the use of tourists and the club members.

A vigorous membership campaign is being waged this season; 200 new members have been elected since March 1. The sign posting club is a notable feature. Signs are placed at curves, railroad crossings, trolley crossings, sharp corners, bridges, winding roads, dangerous hills and schoolhouses. Last season the club introduced a new sign, warning motorists of the proximity of school children, and these signs have been posted near schoolhouses on the main thoroughfares. This club of Syracuse maintains the only sign of its kind in the state—a lighted warning

sign at the hill at Camillus, N. Y., which is on the main route between Buffalo and Syracuse. It burns nightly, from April 1 to Dec. 1. Every summer the club holds a popular secret time run, for which many valuable prizes are given. A new feature is to be introduced in this season's run, which will be in charge of Harry L. Gardner.

The twelfth annual banquet was held on April 6, those present including Sec. Gen. Edward Schoenck, Edwin Duffey, commissioner of highways; Mayor Louis Will, Joseph Mitchell Chapple of Boston, and Edward Guest of Detroit.

This club is affiliated with the American Automobile Association and is a charter member of the New York State Motor Federation, the recently formed New York state body. The officers and directors are:

President, H. W. Smith; first vice-president, H. W. Cook; second vice-president, Dr. S. F. Snow; secretary-treasurer, Forman Wilkinson; directors, B. E. Watson, W. L. Brown, B. W. Moyer, I. D. Vann and John W. Lee, Jr.

FOREST RESERVE FUND TO BE ASKED OF U. S. CONGRESS

Conservation Association Will
Press Plan to Buy More
Lands on Atlantic Seaboard

WASHINGTON—The American Forestry Association will urge the next Congress to appropriate \$10,000,000 for use at the rate of \$2,000,000 a year, to continue the purchase of land in the southern Appalachians and White mountains as federal forest reserves. It is regarded most important that the money be set aside for this purpose. It is seen to mean much to the future of the whole Atlantic seaboard to have several million acres of nonagricultural land, from most of which all merchantable timber has been removed, held in reserve under government ownership, protected and perpetuated as productive forest land. All through New England and along the southern Appalachians there is a strong sentiment found in favor of continuing the purchase of these forest-growing lands.

The present appropriations for the purchase of lands in the southern Appalachian and White mountains will cease with the fiscal year, that is on June 30, 1915. There is now available for further purchases about \$1,000,000, which sum will be sufficient to carry the work to near the end of 1915.

The area approved for purchase by the national forest reservation commission, or already acquired, is 1,186,000 acres, the average cost of which has been slightly over \$5 per acre with an additional expense of approximately 60 cents per acre for appraisals, surveys, title examinations and supervision. It is estimated by officials of the forest service that with the remaining \$1,000,000 enough additional lands can be purchased to bring the total to more than 1,400,000 acres, with an average price not exceeding \$6 per acre.

The secretary of agriculture in a report to Congress in 1907 recommended the purchase of 5,000,000 acres in the southern Appalachians and 600,000 acres in the White mountains. The national forest reservation commission in its last report to Congress strongly approves of that recommendation, in fact adopts it as its working program, and recommends that Congress extend the appropriation for purchases through a further period of five years at the rate of \$2,000,000 per year.

The American Forestry Association for 11 years labored to secure the legislation embodied in the Weeks law, which permits the acquisition of these non-agricultural lands as forest reserves. It has closely watched the execution of the law under the national forest reservation commission and the department of agriculture in the last five years and the results which have been accomplished demonstrate fully the wisdom of the program which has been undertaken.

Furthermore great good is being accomplished in putting the purchased lands immediately under the administration so that they can be protected from fire and fully utilized as national forests.

In view of the achievements accomplished in the way of purchases and in the administration of acquired lands the American Forestry Association considers it appropriate to give full support to the national reservation commission in its recommendation to Congress for appropriations at the rate of \$2,000,000 per year for a further period of five years. This program will be actively urged at the next session of Congress.

BISHOPS ISSUE CALL FOR PEACE PRAYERS

WASHINGTON—In behalf of the bishops of the Methodist Episcopal church, Bishop Earl Cranston of Washington made public Wednesday a special "Call to Prayer," appointed to be read in all the Methodist churches. "Not once a day only, nor merely when convenient, but in our every thought of God, let the cry of our hearts incessantly ascend for the peace of Europe and the world," says the appeal.

BRITAIN EXTENDS TIME

WASHINGTON—The British government Wednesday gave notice to the state department that it had extended to June 15 the time within which German goods may be shipped to America from neutral ports, provided they were purchased before March 1 last.

INAUGURAL OF TUFTS PRESIDENT IS PROGRAMMED

Dr. Bumpus to Formally Become
College Head June 12, Pre-
ceding Educational Conference

MEDFORD, Mass.—Dr. Herman C. Bumpus, who came to Tufts last fall from Wisconsin University, and is now acting as the president, will be formally inaugurated June 12, it was announced at the office of the dean today. The program for the inauguration of Dr. Bumpus will be a departure from that followed in past years at the installations of Tufts' presidents, in that it will include a conference of New England college presidents.

On former occasions the entire day or at least the whole program has been devoted to the inaugural exercises. This time the usual exercises will be limited to the forenoon and the remainder of the day being devoted to constructive planning in the interest of higher education. Men foremost in education have accepted invitations to these exercises and it is to take advantage of their presence at the inauguration that the afternoon is to be devoted to a conference for the discussion of educational matters.

Many prominent men will express their views on the general subject of "Obligations of the College to the State." This discussion will be closed by Dr. Bumpus.

The day's program will close with a reception to be given by President and Mrs. Bumpus at their residence in Professors row.

The program is as follows:

Invocation at 10:30 a. m. by Edwin Cortlandt Bolles, chaplain of Tufts College; A. B. Fletcher, president of the board of trustees, presiding.

Following the invocation there will be addresses by A. Lawrence Lowell, president of Harvard University; Charles E. Fay, senior professor of arts and sciences at Tufts; Charles F. Painter, dean of Tufts medical and dental schools, and Samuel P. Capen, president of Tufts Alumni Association; President Hermon C. Bumpus will deliver the final address, followed by the benediction by Frank O. Hall.

This concludes the morning exercises and there will be an intermission from 12:30 until 2 o'clock, during which a luncheon will be served in Goddard gymnasium.

The afternoon program will start at 2 p. m. with a public discussion on the subject of "The Obligations of the College to the State." The participants will be Governor David I. Walsh, Louis E. Reber, dean of university extension at Wisconsin University; Kenyon L. Butterfield, president of Massachusetts Agricultural College; Sarah L. Arnold, member of state board of education; William C. Hill, principal of Central high school of Springfield; Alexander Meiklejohn of Amherst College.

The discussion is to be closed with an address by G. Stanley Hall, president of Clark University. From 5 to 6 there will be a reception at the home of President Bumpus at 80 Professors row.

STEAMSHIP CUSHING AT PHILADELPHIA

PHILADELPHIA—Capt. Lars Larsen Herland of the American oil steamer Cushing arrived here Wednesday with his ship and submitted to his employers a report dealing with the attempt made on the Cushing April 28 by a German aeroplane, which dropped three bombs, one of which struck the rail of the vessel. A copy of the report will be forwarded to the state department at Washington.

TELEPHONE EMPLOYEES DINE

Eben Hervey was elected president of the Boston traffic chapter of the Telephone & Telegraph Society of New England at the business meeting and dinner last night at the American House. About 80 attended. President T. W. Wilson presided. Other officers elected were: Roy E. Crane, vice-president; Frank H. Wilson, secretary-treasurer.

FRUIT MEN GIVEN U. S. HEARING

WASHINGTON—G. Harold Powell, general manager of the California Fruit Growers Exchange, was given a hearing Wednesday by the federal trade commission to explain the operations of his organization. The hearing was held at the instance of Mr. Powell.

U. S. PERMITS MANY USES OF FOREST LANDS

Special Services Are Offered to
Settlers Adjacent to Reserves,
and Leases Are Granted for
Various Enterprises

WASHINGTON—Secretary of Agriculture Houston has begun an extensive tour of the national forests to find out for himself to what extent their timber, forage, water power, recreational and agricultural resources are being developed for the public under present methods and to make a study of the administrative problems of the forest service. During the present month he will visit the forests in several of the western states, spending almost the entire time of his trip in the wilds, seeking first-hand impressions of the conditions under which the forest service works.

Numerous irrigation, reservoir, and power projects are wholly or in part dependent on national forest protection of watersheds, and it is beginning to be generally understood that, aside from actual farming on national forest land, the agricultural interests of the West are much concerned in the conservation of water supplies accomplished by the forest service through lessened fire damage and regulated grazing.

In southern California the interest in maintaining a forest cover on the mountains from which local water supplies are derived is so keen that for a number of years local funds have been raised and paid over to the department of agriculture in order to provide for more intensive protection than the federal appropriations make possible.

Under the methods employed in handling the livestock grazing business of the national forests, agricultural development is benefited not only through the prevention of injury to watersheds, but also through the opportunities opened for ranch development. As new settlers locate near the forests room is made for their stock by cutting down, if necessary, the number of stock allowed the larger permittees. More than 16,000,000 cattle, sheep and hogs, including young stock, will find forage this year on the national forests. The revenue from this source is expected to exceed \$1,200,000 in 1915.

One of the difficult administrative problems now being worked out is that of agricultural development of lands more valuable for farm than for forest purposes. Extensive land classification has been made possible by a special appropriation of Congress for this purpose, renewed each year since 1912.

Up to date, about 16,000 agricultural homesteads have been listed within the national forests, opening to agricultural development nearly 1,700,000 acres of forest land. In addition a certain amount of agricultural development is provided for under special use permits, where for any special reason listing does not afford a practical means of meeting settlers' needs.

Other Special Uses

More than 37,000 special use permits of all kinds have been issued to the public since 1905, granting free or for a reasonable charge permission to conduct all sorts of enterprises on national forest lands. They include apiaries, barns, boat-houses, botanical gardens, churches, cottages, golf links, hotels, mines, mineral springs, observatories, orchards, quarries, railroads, ranches, residences, restaurants, rifle ranges, roads, sawmills, slaughter houses, telegraph and telephone lines, tennis courts, tramways, tunnels, water power plants, wells, weirs and wharves. The total income from special use permits in 1914 was over \$131,000.

Farmers, prospectors and local settlers of all classes, who needed timber for their own use in the construction of houses, barns, fences, and the like, were given free more than 120,000,000 feet of national forest timber during 1914, while about 14,000,000 feet was sold to settlers, ranchers and others at cost prices. The timber sale business of the national forests amounts to about \$1,250,000 annually, more than 1,500,000,000 board feet of stumpage having been sold to lumber operators last year.

Summer Cottages

The forests contain most of the picturesque wilderness in the country, and their recreational resources are practically unlimited. More than 2000 cottages have been built on the forests by summer residents under the permit system, which has been supplemented by a law providing that tracts of five acres or less may be leased for periods not to exceed 30 years.

This law, under which leasing regulations have just been promulgated by the secretary of agriculture, is expected to stimulate recreational development of the forests. Already a large number of applications to lease national forest land for summer residence sites have been received, and even communities are beginning to take advantage of the forests situated near them by obtaining tracts for use as picnic, camping and play grounds.

OKLAHOMA TRACTION MEN ELECT

OKLAHOMA CITY, Okla.—The Gas, Electric and Street Railway Association of Oklahoma recently elected W. J. Dibbens of Guthrie, president, and Harold V. Bozell of Weatherford, secretary-treasurer, says the Dallas News.

MISSISSIPPI PARENTS ELECT

JACKSON, Miss.—The annual convention of the mothers' congress and Parent-Teachers Association adjourned here recently, says the Memphis News-Scimitar. Mrs. J. B. Lawrence of Jackson was elected president.

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INDUSTRIAL HIGH SCHOOL COURSES TO BE EXTENDED

Training Plan Now in Operation
With Success at Hyde Park to
Be Established Elsewhere in
Boston in the Fall

Cooperative courses in industrial education, similar to those now conducted at the Hyde Park high school, were authorized to be established in other high schools as soon as suitable arrangements can be made for them, at a deferred meeting of the school committee last evening. These courses will take the place of the manual training now given in the schools. It is hoped that such classes can be opened next September in the South Boston and East Boston high schools.

The course as organized in the Hyde Park school has been exceptionally successful. It is intended for those boys who desire to acquire their shop training in manufacturing establishments and at the same time continue their high school education. The shop work in the first education. The shop work in the first year is given in the school shop and is entirely of an industrial character. Beginning with the second year the boys work in the various Hyde Park shops three days each week. The instructor in the school shop visits them at their work and consults their foreman.

In the school he gives them such supplementary work as is needed to help them in their particular trade. In the school they also receive training in shop mathematics, drawing and English. An advisory committee of the business men keep in close touch with the progress of the boys in shop and school.

It is said to be the most inexpensive trade training that can be devised and if the shop instructor has the ability and time to act as coordinator between shop and school it is highly effective.

James C. Clarke who has charge of the work at the Hyde Park high school is credited with having worked out and put into operation a plan that is most effective and highly satisfactory to the manufacturer, the school and the pupil.

The first step in organizing similar courses in other high schools will be to secure the cooperation of the manufacturers. With Hyde Park to point to it is believed that this bill will not be difficult and that such courses can be begun in other high schools at the beginning of the next school year.

The committee voted also to open two new vocational centers next September, one in the Abram E. Cutter school house, Prescott district, Charlestown, and on in the Miles Standish schoolhouse, Dudley district, Roxbury. These with one in the Parkman schoolhouse, Lawrence district, South Boston, will make three new vocational centers to be opened next September. These centers are for pupils in elementary grades.

Cabinet making and electricity will be taught in the Abram E. Cutter center, which will accommodate 90 pupils. About \$2000 worth of machinery will be installed. The Miles Standish center for 135 pupils will give instruction in machine shop practice, electricity, painting and lettering. It will require about \$2500 for equipment. The Parkman center will accommodate 135 pupils and will give instruction in machine shop practice, cabinet making and electricity.

tise, cabinet making and electricity. The equipment here will cost about \$3000.

Charles E. Wetherbee was transferred as principal from the Charlestown summer review school to the Lewis summer review to be reestablished in Abury, and James J. Donovan was appointed principal of the Charlestown school.

It was stated by the superintendent that he had informed the school masters that graduation exercises be made very simple this year, that nothing might detract from the importance to the pupil of being awarded a diploma.

SOUTHERN WHOLESALE GROCERS ADJOURN

ATLANTA, Ga.—J. H. McLaurin of Jacksonville, Fla., was reelected president of the Southern Wholesale Grocers Association at the closing session of the convention here recently, says the Little Rock Gazette. Selection of the next convention city, left to the executive committee, will be decided between invitations received from Hot Springs, Ark., Galveston, Memphis and New Orleans.

PARENTS TO ATTEND CHILDREN'S MUSEUM

A large number of invitations to a reception to be given at the Children's Museum this afternoon have been sent out by the Museum Aid Association. They are largely to fathers and mothers who are invited chiefly for the purpose of showing them what the museum is and stands for that their cooperation in its work may be secured. A bird talk is planned for the children and lecturers will explain the exhibits to the visitors.

URGE WATER CONTROL IN PENNSYLVANIA

HARRISBURG, Pa.—Reservoir control for the streams of Pennsylvania is recommended by the state water supply commission in its report to the Governor of the water resources of Pennsylvania, says the Philadelphia North American.

ARBOR-BIRD DAY MANUAL ISSUED IN W. VIRGINIA

State Superintendent of Public
Schools Sends Out Book as a
Guide for Study of Plant and
Bird Life by School Children

CHARLESTON, W. Va.—In connection with the observance of Arbor and Bird day in West Virginia, M. P. Shawkey, state superintendent of public schools, has had issued an arbor and bird day manual which is intended as a guide to the study of plant and bird life in the state. In sending out the book to the schools of the state, Superintendent Shawkey proposes that the manual be used as a textbook in the schools throughout the year and not only on Arbor day, says the Gazette. In an introduction to the book, Mr. Shawkey writes:

"We believe that the founders of Arbor and Bird day had something in mind more than the mere planting of a tree, a picnic or a romp in the woods. The tree planted on the school grounds will scarcely have passed its period of youth when the planters have long since reached manhood and old age. Only a few of those who take part in this year's Arbor day's exercises will even indirectly enjoy the benefit of trees and vines which they plant. This effort to go out of one's self to do something for others kindles a wholesome unselfishness and stimulates endeavor. A larger view of life is taken, and the great text book of nature is opened up."

The book is a commentary on how to plant trees and a history of some of the birds native of the state, their habits, etc. It contains lithographed plates of some of the most beautiful plumaged birds of the state, notably the gold finch and slate colored junco. In addition the manual contains a large number of plates of other birds, like the woodpecker, ruffed grouse, humming bird, purple martin and cardinal.

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PERU IN MOVE TO STABILIZE ITS FINANCES

Lack of Sufficient Credit Considered a Result of European War — Consul-General at Callao Makes Comment

LIMA, Peru.—In view of Peru's approaching election, the country has been so taken up with politics that the economic situation, due to the events in Europe, has been somewhat overlooked. Yet the fact remains that politics and economics in this republic are inseparable factors in the national development. Hence, with the presidential election drawing near, a retrospection of business conditions during recent months should be in order.

Of the eight principal exports of Peru only cotton appears to have been seriously affected. The market for Peruvian copper, which is largely in the United States, was slightly affected at the beginning of the war. Now, however, the plants operate as in normal times, and the shipments that formerly went to Europe go to New York. About \$9,000,000 worth of copper goes into export annually.

Heretofore Liverpool has been the market for Peruvian sugar. Although the prices in that market went up, the demand from Chile was such that Peruvian sugar found there a new outlet, as the German beet sugar, which constituted the Chilean import, was cut off. Another new market has been found for sugar in Vancouver.

The cotton situation calls for comment. It is probable that there will be less planting this year than in former seasons for the stocks on hand are considerable. This is due to the fact that the closing down of the North England cotton mills, shortly after the declaration of war, seriously affected for a time the shipments from here. Some few shipments were sent to the United States, but there the cotton situation is quite similar to that in Peru in that most reserve markets are closed.

When it comes to considering importations, the lack of proper banking connections with regard to bills of sale on New York has prevented the movement of merchandise in this direction. Restriction of credit is a serious matter, and this is aggravated by the fact that while the local merchants now receive for goods sold a paper currency that is somewhat depreciated, the same goods must be paid for with gold, and often in advance of the sale. When they buy drafts on New York or London it is often done at a loss of from 7½ to 10 per cent.

Upon the outbreak of war the credit of the banks in New York was suspended. At present the facilities for purchasing Peruvian bank drafts there, at as high a rate as 9 per cent, are very unsatisfactory and inadequate. Only one bank in Lima, the Banco Alemán Transatlántico, is controlled by any of the great overseas banks doing business here. That is the branch of the Deutsche Überseeische Bank of Berlin. This bank was established in 1905. It has materially assisted in the development of German trade throughout the west coast.

Of the other banking institutions the Banco del Perú y Londres, a Peruvian stock company, was considered the most important until the war started. This bank acts as the fiduciary agent of the government. While a majority of the stock is held in France and England, it is now essentially a Peruvian institution.

The business of the Banco Italiano, a rather conservative institution established in 1889, is based principally on the large Italian colony, an industrious and prosperous part of the population. The other banking establishments, Banco Popular del Perú, Banco Internacional del Perú, the Caja de Depósitos y Consignaciones and the Caja de Ahorros, are purely domestic concerns. These banks were jointly responsible in procuring the government's approval of the issue of paper money last September, redeemable six months after peace is declared in Europe.

Upon the declaration of war a rush was made to withdraw deposits, which materially reduced the banks' gold reserve and might have affected them permanently had not the government proclaimed a limited moratorium, which was later extended and modified and is partly in effect this day. The government received a loan of \$2,433,000 from the banks on reasonable terms.

Although the monetary system of Peru is based on a gold standard, gold coin is rarely seen in circulation. It can be purchased only at a premium. The issuance by the banks of the \$12,500,000 bank notes was expected to relieve the strain, and allow business to proceed along normal lines. But this paper money was accepted by nearly all classes with considerable reluctance. It is causing a large portion of the business community to hoard gold and silver coin; consequently the situation is far from what some expected would be the case when the bank notes were issued.

Consul Gen. William W. Handley, who represents the United States at Callao, which, of course, is the center for business in Peru, thinks the present time most opportune for the establishment of an American branch bank. A bank of this kind, he says, would be in an excellent position to make loans to the government, and hence to stabilize the entire financial situation.



Llamas of the Andes at Zoological gardens, Buenos Aires

BUENOS AIRES ZOO NOTED FOR ITS COLLECTIONS

Llama Groups Among Leading Attractions of Garden—Visit to Big Estancia

BUENOS AIRES, A. R.—Although the home of the llama is the Andean range, which stretches the entire length of western Argentina, here at Buenos Aires the sight of these curious but valuable burden-bearers, as a part of the many fine collections in the Zoological Garden, add interest to the place.

Buenos Aires is proud of its zoo. It not only has a fine location, but in its arrangement, both for the comfort of the animals and the visitors, it is hardly to be excelled by any other world capital. The group of llamas is especially an attraction. The South American llama is found chiefly in Peru and Bolivia and belongs to the guanaco family. The animal is usually white, or spotted with brown or black. Sometimes it is altogether black.

While the Argentines have grown familiar with the extent of the cattle business, to those not acquainted with the great industry of the republic a visit to one of the big ranches is something not to be set aside. The Estancia Leonardo Pereira is a typical establishment on a large scale. It is about 30 miles out of the city on the Argentine Southern railway.

This estancia, while only one of several owned by the wealthy family, is perhaps the principal one, covering some 30,000 acres. There is a beautiful country home on the estate. Bordered by fine, wide verandas, set amidst bowers of gorgeous plants and flowers, shaded by great eucalyptus trees, one is set to wondering why the owner and his family remain away for the greater part of the year. Yet this is really the fact. Not only do many of the big landed proprietors spend but little time on their magnificent properties, but until recently their stay in Buenos Aires itself was short. Paris has been the great attraction for the wealthy Argentines, and many of them are now wondering what to do since the war is preventing the transatlantic journey.

ITALY-ARGENTINE RESERVIST SHIPS

BUENOS AIRES, A. R.—Agents of Italian steamship companies in this city were called recently to the Italian consulate and told to hold their steamers in readiness for the transportation of 70,000 reservists from Argentina at the first call of the Italian government. There are 10 classes of reservists concerned in the notification.

TRADE NOTES

PANAMA, P. R.—The ships of the American-Hawaiian line have carried more than one fifth of the 3,246,019 tons of cargo that passed through the canal up to April 1.

RIO DE JANEIRO, Brazil.—According to recent estimates, the area of Brazil embraces 3,291,416 square miles, equal to about 30 per cent of the whole area of the continent.

MOLLEND, Peru.—This port is the most northerly of the three routes leading into Bolivia. The journey from here to Puno, on Lake Titicaca, is over the southern railways of Peru.

LA PAZ, Bolivia.—Foreign investments in Bolivia are estimated as follows: Great Britain, \$30,000,000; France, \$15,000,000; Germany, \$5,000,000; the United States, \$2,500,000.

TEGUCIGALPA, Honduras.—The law of 1898, regarding the sending of telegrams, is again made effective so that no messages can go in cipher except in the case of diplomatic and consular representatives.

RIO DE JANEIRO, Brazil.—Preparations are being made here to receive M. Pierre Baudin, a former minister of marine for France, who comes on an official mission from his government.

CHILE BELIEVES MAGELLAN ROUTE OF GREAT VALUE

While Panama Canal Will Take Much of Shipping, Southern Passage Best in Many Cases

VALPARAISO, Chile.—To just what extent the Panama canal will be a benefit to Chile and just how far anticipation may be realized are matters considered seriously in Chilean business circles. An authority on shipping affairs recently summed up the situation as follows:

"Chile has a large trade with Great Britain, Germany, and the United States, and, further, almost all the exports of Bolivia, with the exception of those which are shipped from the small Peruvian port of Mollendo, pass through Chile. The larger proportion of Bolivia's exports is taken by Great Britain, which also disputes with Germany the first place in the export trade. It is obvious, therefore, that London has a large interest in the shortening of routes between Chile and Europe.

"It remains to consider what will be the effect of the Panama canal upon Chile, and here exaggeration should be banished and merely the facts brought forward. It must be remembered that increased facilities of communication do not create wealth unless they possess distinct advantages over the old ones. As regards mails and passengers, whose one object is speed, the canal will be of no service to Chile in relation to Europe, seeing that the quickest route will always be by steamer to Buenos Aires and thence by rail. But for cargoes, Iquique and the nitrate ports will be brought some 2000 miles nearer to Europe, while the saving in the case of Valparaíso will be rather less. Thus a week's coal and provisions will be saved, and the question is whether this saving will be wiped out by canal dues. The week saved is not a matter of much importance except for vessels which take passengers as well as freights. Probably a good many of the large British and European steamers will make the round voyage, going one way by the Straits of Magellan and one way by Panama.

"Chile's main export is nitrate, and this, to a great extent, conveyed in sailing ships. It is inconceivable that any sailing ship destined for Chile will find it worth while to pay the canal tolls. There are other facts to take into consideration. One reason why the Chilean coal mines are less developed than might have been expected is due to the fact that the nitrate ships, which rely on the carriage of nitrate for their profit can afford to bring coal, which serves instead of ballast, at a very low rate. This low rate might have to be raised if the expenses of the canal were incurred."

PARCEL POST NOW FOR PANAMA ZONE

BALBOA, C. Z.—The division of posts has arranged to forward direct from Balboa, through Ancon exchange postoffice, ordinary and registered parcels post packages to the countries of Bolivia, Chile, Colombia, Ecuador, and Peru. Parcels for the Atlantic coast of Colombia will be despatched by way of the Cristobal exchange office.

Before this arrangement was made, parcels post packages for the west coast of South America were despatched by way of the New York exchange office, which resulted in considerable delay and increased cost of transportation.

BASEBALL POPULAR AMONG GUATEMALANS

GUATEMALA CITY.—Outdoor games are becoming popular in this country. A number of baseball clubs have been formed and a recent game between the Hercules and Victor teams was witnessed by many of the leading officials. President Cabrera is encouraging all sorts of athletic contests as tending to develop initiative in the young people.

TAMPICO'S OIL INDUSTRY NOT MUCH AFFECTED

Agriculture, However, Sustained Loss While Territory Was in Dispute by Armies

TAMPICO, Mexico.—Had Mexico experienced no revolutionary difficulties and had the European war not broken out, the measure of prosperity that might have come to Tampico last year can scarcely be estimated. Ever since the port became the export center for crude oil it has grown in size and importance, and even with international and internal conditions as they are Tampico is doing comparatively well.

More than 20,000,000 barrels of crude petroleum left this port in 1914. The Panuco field held the center of the stage for the year. Here was brought in the Corona gusher No. 5, which proved to be one of the world's largest oil wells. Conservatively estimated as being in the 100,000-barrel-a-day class, this well was slowly brought down in the first six months of the year until finally its production was only 600 barrels a day. This was made necessary owing to the lack of available tank facilities.

In the meantime, while other large wells were brought in, the military disturbances stopped operations for almost two months. Recently there has been little interference; but operators are speculating on what events have in store since the factional conflicts do not seem to have lessened.

The agricultural industries of the Tampico region have proved failures. The large crops of Bermuda onions raised by American companies at Colonia, Columbus, Osorio and at several other large American colonies between Tampico and Victoria along the Monterey division of the railroad proved a loss because there was no means of transportation to Tampico. During the harvesting season all of this territory was in the hands of those attacking Tampico, and permission could not be obtained to allow these products to pass through the lines of the opposing forces.

As regards the price of oil, the bulk was moved on old contracts, and it is presumed that much of the Panuco petroleum thus disposed of was settled at a minimum of 40 cents a barrel, gold, f. o. b. barges Panuco. The river transportation is 8 cents per barrel.

At the beginning of 1914 the government tax on oil produced was 75 centavos per ton, payable in Mexican currency, the exchange rate of which varied. With the coming of the Constitutionalists this was reduced to 20 centavos per ton, the tax put into effect during the regime of President Madero.

This tax was subsequently raised to 60 centavos a ton, payable in Mexican gold, or in United States currency at the rate of two for one. Gold was not available; hence the producers paid the impost in American currency, which figured .0457 cents per barrel. Oil exported from Tampico pays an additional impost for bar dues which amounts in American currency to .0381 cents per barrel.

As Tampico lies on the Panuco river about seven miles from the Gulf of Mexico, much dredging is going on to make the river fully navigable for large steamers. At present there is 21 feet of water at the entrance to the two stone jetties extending about 500 yards out into the gulf at the mouth of the river.

RAILROAD WORK IS BOLIVIA'S CONCERN

LA PAZ, Bolivia.—A railroad is being projected from this place to the further end of the Yungas province, in the Beni river valley. When this is finished it will give a transcontinental route from Africa on the Pacific coast to Para on the Atlantic.

The headquarters of the railroad between Guayamerim and Porto Velho are in the latter place, to which point ocean steamers drawing 20 feet can navigate between January and May. This route to the Amazon is of the highest importance to Bolivia and to consumers of Bolivian products, tapping, as it does, what has been called the heart of South America.

BRAZIL WANTS THE FRIENDSHIP OF ALL NATIONS

Visit of Dr. Lauro Muller, the Minister of Foreign Affairs, to Other Republics, Indicative of Good Will Toward Every One

RIO DE JANEIRO, Brazil.—Those who have some knowledge of the makeup of Dr. Lauro Muller, Brazil's minister of foreign affairs, feel certain that this noted statesman at no time would sanction diplomatic action that might prove detrimental to a supposed friendly nation. The international outlook never was more promising.

It is for this reason that Dr. Muller's visit to the neighboring republics is given only one interpretation by the thinking people of Brazil. Despite reports in circulation to the effect that when the foreign minister pays his respects to the heads of Uruguay, Argentina and Chile, this is a move made to warn North America, it is known that nothing of the kind is under consideration.

When Dr. Muller visited the United States a little while ago he gave abundant proof that his country meant to foster the friendliest relations with the North American people. The personality of the foreign minister alone disarms criticisms of his motive in dealing with international affairs. It is quite likely that his tour of the neighboring countries will bring these into closer relations, but such a result should be only the more satisfactory to the United States in that it will find all the nations better prepared to enter into negotiations for the maintenance of peaceful relations in America.

It is well known in this city that here, as well as in other cities of South America, a very small minority exists which takes advantage of every possible occasion to undo the good work by the foreign departments. But the government of Brazil, when the visit of Dr. Muller was announced, took care to show that this tour was to be mainly one of social intercourse. Naturally, when Dr. Muller meets the statesmen in the other countries matters of close concern to all may be discussed, but there is disavowal of any purpose to advance what would harm others, here in America or elsewhere.

One of the tangible results expected from the visit is the elevation to embassies of the legations of Argentina, Brazil and Chile at the various capitals. The original proposal for the elevation of the legations was made in 1910 by Baron Rio Branco, a predecessor of Dr. Muller as foreign minister, and perhaps the greatest Brazilian statesman of the generation. Baron Rio Branco desired then that the United States, Mexico, Brazil, Chile and Argentina should thus promote the interests of their respective nations.

Brazil and the United States have for some time had ambassadors at the capitals. More recently the Argentine and Chilean legations in the United States, as well as the American legations in these countries, have been elevated to embassies.

The message sent by President Wilson and Secretary of State Bryan to the Brazilian minister at Mexico City, thanking him for his services in behalf of American citizens in that turbulent republic, have greatly impressed the public of Rio de Janeiro. It is about a year since Senhor Cardoso de Oliveira was asked by the United States government to take charge of its embassy in Mexico, diplomatic relations having been broken off with General Huerta. Washington says it was highly appreciative of what Senhor Oliveira has done and is still doing for American citizens in Mexico.

Since the European war South American republics have felt more than ever the necessity for getting into closer touch with the United States. It is expected that when Theodore E. Burton, former United States senator, and the president of the American Peace Society, reaches Rio de Janeiro on his present tour of South America via the west coast countries, his reception here will be an evidence of the esteem in which the two republics hold each other.

SUGAR MARKET ENCOURAGES CUBA

HAVANA, Cuba.—With the beet sugar of Germany and France virtually out of the market, Cuban planters anticipate not only that the prevailing good prices will be maintained for a considerable time, but that a fresh impetus has been given to extend the cane area in this island.

The Cuban delegates to the Pan-American financial conference at Washington, beginning with May 24, are expected to show that gradually the trade of the republic has shifted to the United States. In many respects, of course, the commerce of Cuba has sustained losses through the effect of the European war, but it is also noted that the trade with Spain is on the increase.

Prices for the sugar crops of the season 1912-1913 and 1913-1914, were abnormally low, lessening the purchasing power of the well-to-do classes. With the gradual improvement in prices and the market in the United States promising, the situation here is considered quite satisfactory.

LAKE TITICACA REGION MAY BE MUCH IMPROVED

Agricultural Expert Sees No Reason Why Natives Should Not Develop the Territory

LIMA, Peru.—In a supplementary report of the Peruvian corporation, H. V. Harlan goes into details regarding his experiments with the people and land around the Lake Titicaca.

"In the improvement of the agriculture of the region," reports Mr. Harlan, "the question of what is possible with a given soil or climate is not the final answer. An equally great, and often limiting factor is the question of what part of the possibility we are able to realize. What part of the agriculture will the inhabitants of the area adopt, and what part will they fail to adopt? What is the easiest method of approach to the better farming? Any survey that does not take into account the nature of the people is lacking in an important essential.

"When I arrived I found that the greatest obstacle was in the attitude of the people. As far as I could discover, the Titicaca area had no friends. All belonged to one of two classes. Either they were stolidly convinced that not one thing could be bettered in any way, or they believed that by some method the place could be made to compete with valleys of 10,000 feet less elevation. Both attitudes are equally unfortunate for the best interests of the region.

"It can't be done here" appeared amply conclusive without any reason for, or even any desire for, a 'why.' In most cases it was laid to the winter, which is, of course, extremely fallacious, as the extreme temperature is trivial as compared with nine tenths of the most productive farming regions of the world.

"The Peruvian of the better class was disappointing in a second way. As a rule he took refuge behind the statement that the Indian peasantry does not, and cannot be made to understand agriculture. In this the Peruvian is evading his responsibility too easily. He must be made to take a part, and moreover the leading part, in any improvement that is to be brought about. The shoudering of the responsibility on to the Indian does not help matters, and is hardly borne out by facts.

"Granting that herding is the most primitive, though not necessarily the least profitable, of all agricultural operations, the Peruvian is less advanced than the Indian. The Indian has a considerable part of his land under cultivation, and is producing crops of a kind, while the average 'finca' or landed property, is devoted exclusively to cattle raising.

"However, in the four months I have spent on the plateau I have modified my opinion of the receptivity of the Peruvian. A demonstration seems quite convincing. Since the experimental plots began to show up so nicely there has been a general interest manifest, and the number of petitions for seeds have been increasingly numerous.

"I believe that there are many who now believe a grain crop possible on the pampa who four months ago had no patience with such a thought. I believe that they, on the contrary, are ready for some general modifications in their agriculture. A demonstration is the sole means of approach. But even now, after what may be said to be more or less successful termination of the experiments, there are none who think a winter grain possible. Indeed, the attitude emphasizes both the necessity and the utility of demonstration."

HONDURAS GETTING READY FOR ELECTION

TEGUCIGALPA, Honduras.—The coming presidential election is beginning to attract general attention. The Honduran minister to Washington, Alberto Membreño, will be here soon to take charge of the presidency while President Bertrand steps out for a time in order to make himself eligible to stand for reelection. As a president may not succeed himself, and a majority of the political leaders prefer President Bertrand, his return to office is considered a foregone conclusion.

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HAWAII LINE LARGEST USER OF THE CANAL

Steamers Nearly All Engaged in Coastwise Trade—Pennsylvania, One of 21 Ships of Company, Has Passed Six Times

BALBOA, C. Z.—The steamship Isthmian of the American-Hawaiian steamship line passed through the canal in ballast, bound from Charleston to Toopilla for a cargo of nitrates, with which she will return to the United States. This is the first time that a vessel of the American-Hawaiian line has gone through the canal without cargo.

From the opening of the canal, on Aug. 15, to April 1, vessels of the American-Hawaiian line had made 94 transits to the canal, carrying an aggregate of 699,342 tons of cargo. This was an average of 7440 tons of cargo per vessel. In this trade, 45 vessels passed from the Atlantic to the Pacific with 325,530 tons, and 49 from the Pacific to the Atlantic, with 373,812 tons. All of the west-bound vessels were engaged in United States coastwise trade, and all but three of the eastbound were in the coastwise trade; these three were carrying Chilean nitrates to the United States, and their total cargo amounted to 23,500 tons. The line is the largest single user of the canal. Its vessels carried over one fifth of the 3,246,019 tons of cargo which had passed through the canal to April 1.

The first vessel of the line to enter the canal was the Pennsylvania, on Aug. 16. The Pennsylvania has passed through the canal six times. The other vessels of the line which have been through the canal are, in order of their coming, the Missourian, Arizonian, Kentuckian, Mexican, Montanan, Nebraskan, Virginian, Texan, Honolulan, Columbian, Iowan, Georgian, Dakotan, Nevadan, Isthmian, Alaskan, Washingtonian, Ohioan, Oregonian, Panamanian, all of which arrived for the first time, before Nov. 1; the Hawaiian, arriving on Dec. 3, the Minnesotan on March 20, and the American on April 17.

Vessels of the line which have been through the canal six times up to April 1 are the Pennsylvania and the Montanan; five times, Kentuckian, Arizonian, Honolulan, Mexican, Columbian, Iowan, Georgian, Panamanian; four times, Texan, Virginian, Alaskan, Dakotan, Ohioan, Oregonian; three times, Nebraskan, Nevadan, Isthmian, Washingtonian, Hawaiian; twice, Missourian; once, Minnesotan.



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REPUBLICANS PLEDGE SUPPORT TO PRESIDENT

State Legislators and City Committee Chairmen at Boston Meeting Indorse Mr. Wilson's European Situation Policy

Republican legislators and chairmen of Republican city committees from all parts of the commonwealth set aside party ties for a few moments last night and pledged their earnest support to President Wilson in the fulfillment of his European policy at a dinner tendered them at the American House by the Republican state committee. This action was predicated by the remarks of Congressman Samuel E. Winslow of Worcester who was among those who addressed the 200 party officials present.

"Regardless of party, we are ready to support the President," declared Congressman Winslow. "Although he is head of the Democratic party, we regard him now as the executive head of the whole nation, and we say to him: 'Whatever you do we will stand behind you. As you say, so we will agree.' He declared that with the nation-wide loyalty thus far given the President there need be no apprehension as to the destiny of these United States.

Urged Efforts for Party

Cheers greeted the congressman's reference to the reception accorded to Senator Lodge at Lynn Tuesday night. Mr. Winslow urged more efforts for the party as a whole rather than for the individual; he urged harmony and unity within the party. He pleaded that the Republican platform be made real, declaring that Republican control means a revival of business throughout the country; that Democratic control means a stoppage of industry. He criticized several members of the President's cabinet.

Others who spoke were Calvin Coolidge, president of the Senate; Channing Cox, speaker of the House of Representatives; Robert Luce, former Lieutenant-Governor, and Edward A. Thurston, chairman of the Republican state committee who was toastmaster.

Mr. Coolidge considered the achievements of the party in this year's legislative session the passage of three constitutional amendments on taxation, suffrage and homestead land purchases. He also spoke with approval of the passage of the good roads bill for the western part of the state.

He said: "We have not been content to rest on a record of past performances. We have endeavored to go forward. We have used the history of the past as a foundation, but we have built on it. We are going to maintain the functions of the Republican party, and show that under representative government real reforms for the good of the people can be worked out."

Mr. Cox said: "We have carried on the pay-as-you-go practice and we have taken a step for taxation reform. We have treated our institutions fairly and if we have failed to give them allowances as large as some people desired it is well to remember we have followed the recommendation of commissioners specially charged to give us advice on such matters. If any mistakes have been made, the blame rests on the powers that have appointed the commissioners in question."

Praise for the Legislature was accorded by Mr. Luce who said: "Yours was a difficult problem. The reaction from the ultra-radical tendencies of the people in the last few years showed they wanted the brakes applied. Yet to cease progress, even temporarily, would have been calamitous. The happy mean was your task and you have achieved it."

"It means something that you have carried out the recommendations of the white slave commission by lessening the chance for immoral use of eating places; that you have passed a stringent law about the use of narcotic drugs; that you have made the granting of sixth-class licenses permissive instead of mandatory; that you have showed your good faith, even if defeated by a technical quibble, in the matter of the delivery of liquor to no-license places; that you provided a penalty for the adult men who neglects to support his aged father or mother; that you have provided means for publicity in respect to savings bank insurance; that you have demanded a higher standard of business honor on the part of those who conduct trust companies."

"You have grappled manfully with material problems concerning commerce and communication. Whether or not we should all agree that the provision of \$2,500,000 for highways in the western part of the state was made in the way most consonant with the best governmental procedure, the important thing now is that it has been accomplished."

"In matters of finance, your record meets with the approval of the state. All thoughtful men recognize that with our growth in wealth and with the steady increase of the popular demand for more of cooperative action to the public benefit, there must be increase in contribution to the public treasury. It is the part of wisdom, however, that this increase shall not be too rapid and that it shall be checked in seasons of business adversity. Your committee on ways and means merits warm praise for its success in the most ungracious work of keeping down the state tax."

"For the last I have reserved that action on your part which seems to me the most far-reaching in its importance to all the people—the provision for amendment of the constitution in the matter of taxation. You bill fair to have ended a contest that has been waging for a generation. When 15 years or so ago I had my part in it as House chairman of the committee on taxation, I despaired of

ever seeing it concluded. All our efforts to readjust the burden of taxes so that it should not bear heaviest on the weakest shoulders seemed hopeless. You have taught me that sooner or later justice prevails. Although many of us have done what we could in the enlightenment of public opinion, we do not begrudge you all the credit. For sending an amendment to the people, the Legislature is wholly responsible, not even executive approval being necessary, and to the Legislature should go the praise. If it turns out that you have opened the door for the reform of our vicious, cruel system of taxation, you will have rendered service to the commonwealth that can hardly be matched in all its history."

FINAL RACES FOR SCHOOL TITLES THIS AFTERNOON

Crews Meet on the Charles River for First and Second Division Championships of the B. I. R. A.; Huntington Picked to Win

Races for the Boston Interscholastic Rowing Association championships are scheduled this afternoon on the Charles river between the eight crews that qualified for the finals in the preliminary races held Tuesday afternoon over the mile course, starting at the Cottage Farm bridge and finishing just below the Harvard bridge.

The four first crews to qualify for the finals are Huntington school, Brookline high school, Rindge technical school and Boston College high school; and these four should furnish some excellent racing. Huntington school is generally picked by those who have been following the work of the boys to win the championship of the senior division, although the Brookline high boys have adopted the stroke used by the Cornell University oarsmen, and they will be strong contenders for first place. The line-up of the senior crews follows:

BROOKLINE H. S.	
John deForest (captain), stroke	19
John Litchfield, No. 3	18
Clifford Hayes, No. 2	19
Herbert Newton, bow	18
Harold Trull, coxswain	17
HUNTINGTON SCHOOL	
Harold Ogden, stroke	17
Gordon Derrill, No. 3	19
Arthur Lundquist (capt), No. 2	18
Aubrey Ames, bow	19
Fred Lane, coxswain	16
RINDGE T. S.	
W. C. Coleman (captain), stroke	20
K. R. Bunker, No. 3	18
N. S. McDonald, No. 2	19
P. A. Harriman, bow	18
R. L. Maxwell, coxswain	16
BOSTON COLLEGE H. S.	
John Wholey (captain), stroke	18
Edward Donahue, No. 3	19
John Reed, No. 2	18
Edward Skayhan, bow	19
Edward Keating, coxswain	17

Huntington school, Brookline high school, Boston High School of Commerce and Cambridge Latin school where the schools to qualify for the finals in the intermediate division, and Brookline high is considered the strongest, with Cambridge Latin a very close second. The line-up of the intermediate crews is as follows:

BROOKLINE H. S.	
T. A. Souther, stroke	17
Maxwell Undersee, No. 3	19
Anson Lyman, No. 2	18
Jeffrey Richardson, bow	19
Gordon Stewart, coxswain	18
HIGH SCHOOL OF COMMERCE	
Robert de Voe, stroke	18
John Eaton, No. 3	17
Bart Whelan, No. 2	18
T. C. Shea, bow	18
A. D. Crowley, coxswain	16
CAMBRIDGE L. S.	
F. R. Whitman, stroke	16
John Kelley, No. 3	17
Eric Kulligt, bow	17
Munson Adams, coxswain	14
HUNTINGTON SCHOOL	
Robert Starbuck, stroke	18
Frank Bell, No. 3	18
Harold Merrick, No. 2	17
Jeffrey Webster, bow	18
Frank Flagg, coxswain	15

In the senior races this afternoon, Huntington school will have the wall position, having made the fastest time in the preliminaries. Rindge Technical school will have second position, with Brookline high third and the Boston College high boys on the outside of the course. In the intermediate races Huntington school will have the wall position, with Brookline, Commerce, and Cambridge Latin school rowing in the order named.

COURT RULES MENACE TRIAL SHALL BE HELD

KANSAS CITY, Mo.—A motion to continue trial of the government's case against the publishers of the Menace, an anti-Catholic weekly newspaper, published at Aurora, Mo., was overruled by Judge Arba S. Van Valkenburgh, in the federal court, here Wednesday. Attorneys for the defense asked delay in the trial, set for the June term of court in Joplin, Mo., on the grounds that it was necessary for them to go to Rome to obtain depositions and evidence from the Vatican records.

MAGNA CHARTA TO BE CELEBRATED IN N. Y.

ALBANY, N. Y.—The seven hundred anniversary of the granting of the Magna Charta will be celebrated by the constitutional convention June 15, it was decided Wednesday. President Elihu Root will make the principal address.

POWER SESSION DATES SET
SALEM, Ore.—Governor Withycombe announced recently that the water power and public lands conference of Western states, provided for by Senate memorial No. 6, would be held in Portland Sept. 21, 22 and 23, says the Portland Oregonian.

COUNCIL AGAIN TO PASS UPON MAYOR'S BUDGET

Sits Tomorrow as Appropriations Committee to Consider Action on Mr. Curley's Veto of 114 Item Plan

Council's appropriations committee is to meet tomorrow morning to consider once again Mayor Curley's segregated budget bill of ten items for \$335,298.50 for the sewer service division. At the special meeting of council yesterday afternoon the mayor sent back with his veto the sewer budget of 114 items which that organization had passed. He urged his own budget of ten items.

The committee on finance of council of which Councilor Coulthurst is chairman meets this afternoon and one of the most important matters it will have before it for consideration is the mayor's order for a loan of \$750,000 asking for \$500,000 for repaving 14 miles of city streets which are torn up to permit the laying of the high-pressure water pipes, \$150,000 for Roman park development and \$100,000 for the ward 19 playground, which at present has an intersecting street which makes it impracticable as a ball ground, according to the mayor.

At yesterday afternoon's council meeting the committee on appropriations and the committee on finance met together to consider the mayor's budget. Councilors McDonald and Watson tried to have this reconsidered and the budget sent to the executive committee which could have met at once. Mr. McDonald urged the need of action to insure the sewer service funds with which to continue operations. Mr. Watson declared the executive committee and the appropriations committee were really the same as they consist of all members of council. He declared they differed in name alone.

Councilor Coulthurst protested against remarks credited to the mayor on the majority members of council in recent speeches. The council sustained President Coleman's reference to appropriations committee by a vote of five to two. The entire deliberations of the councilors lasted but 15 minutes.

After the session was over a visit paid by Councilor Ballantyne to the office of the mayor occasioned the rumor some of the members of the council who had held out for detailed segregated budget as an experiment had indicated to the mayor that they would compromise with him and pass a budget segregated to the extent of 15 items rather than the original 227 items which they had urged and latterly the bill for 114 items.

Mayor Curley yesterday announced his intention of allowing a bill for \$441.20 for lighting the tree displayed on the common during the holidays in the last year of the former administration to go to the courts. He said this administration had not left sufficient money in the city treasury to pay for this bill. Under the meeting of council Councilors McDonald and Watson declared they did not believe the council had a legal right under the charter to initiate appropriations as they declared the majority's segregated sewer budget did.

They said the majority appeared to be in the position of after having demanded an experimental budget of the mayor to insist that their own form of experiment be used, or if that were refused they would not vote funds with which to carry on the sewer division's work. They said nearly four months of the year had passed anyhow, and that the segregated experiment could not be tried out properly this year, even if it did pass.

PLANS FOR COTTON MILL IN LYNN SAID TO BE UNDER WAY

LYNN, Mass.—Negotiations for the erection of a new cotton mill on the marshes near the river works of the General Electric Company are practically concluded, according to Roy F. Bergen, municipal commissioner of finance. Within a short time Commissioner Bergen believes actual work on a new plant to represent an investment of \$1,000,000, will be under way.

The establishment of this new industry in Lynn will be in line with Mr. Bergen's efforts to secure additional tax revenue to meet the expenditures of the city council. The finance commissioner also is working for the establishment of a new plant in Lynn by the Victor Typewriter Company of New York. It is announced that a site for this plant also is being considered on the marshes, adjacent to the Revere Beach railroad tracks.

The proposed new cotton mill is to manufacture principally drillings for the shoe industry. About 700 hands would be employed in the mill.

PHI BETA KAPPA OF HARVARD TO DINE

Harvard chapter, Phi Beta Kappa, holds its annual undergraduate dinner Friday evening at the Boston City Club. This is the second successive year that it has been voted to have temperance prevail at this dinner. The speakers at the dinner will include one member of the faculty and several prominent undergraduates.

SECRETARIES TO MEET
Formerly known as the Stenographers Mutual Benefit Association the Secretaries Association will hold its first annual meeting and dinner at the American House tonight. Officers will be elected.

SOUTH CAROLINA PHOSPHATE ROCK MINING EXPECTED

Revival of Industry Due to New Discoveries and Machinery Making Grade Workable

WASHINGTON—The deposits of phosphate rock in the vicinity of Charleston, S. C., were among the first discovered in the United States, and until about 20 years ago the field was one of the largest producers in the world. The workable deposits are confined to the region lying in general between Charleston and Beaufort and extending about 25 miles back from the coast. The phosphate rock occurs in a thin bed which underlies irregular areas within the region. This bed is commonly less than 18 feet below the surface, and is thus comparatively easy to mine, but, owing to the rather low grade of the rock and the exploitation of richer and more easily accessible deposits in Florida and Tennessee, production in the South Carolina field has fallen off greatly in recent years.

An examination of the South Carolina field was made last year by G. Sherburne Rogers of the United States geological survey, and his report has recently been published by the survey as Bulletin 580-J.

The prospects of a marked revival of mining in the South Carolina phosphate field are poor. There are, however, 5,000,000 tons of 60 per cent phosphate still in the ground and improved machinery may at some later time render these deposits workable. Furthermore, the South Carolina phosphate enjoys two advantages. First, the former importance of the field led to the building of large fertilizer factories at Charleston, and the expense of shipping is therefore almost negligible; second, the rock makes an excellent superphosphate, and many planters prefer it to the higher-grade rock of the neighboring fields. When the Florida and Tennessee deposits become exhausted prices may advance sufficiently to permit the profitable mining of the remaining South Carolina rock. On the other hand, the presence of great deposits of high-grade rock in Wyoming and Idaho points to an undiminished supply for many years, and insures crushing competition in the interior part of the United States.

FISHING RULE CHANGE ASKED IN NOVA SCOTIA

HALIFAX, Nova Scotia—The Halifax Board of Trade is seeking to have an anomaly in the fish business on the Atlantic and Pacific coasts of Canada removed. In British Columbia fish can be landed in all American bottoms and shipped to the United States. In Nova Scotia American sailing vessels may land fish to be forwarded by rail to the United States, but when brought here in auxiliary vessels or steamers this privilege does not hold good.

In 1898 an order-in-council was passed permitting Americans to land fish free of duty and purchase supplies, states the Toronto Mail and Empire. In March, 1915, an order-in-council was passed giving Americans the right, in addition to landing fish in British Columbia and forwarding it to the United States, to also sell fish in bond to such local dealers as may be licensed therefor, who may export it. This privilege does not exist in the Maritime Provinces.

The Board of Trade says it seems reasonable and equitable that Nova Scotia and other Atlantic provinces should have the same rights in this respect as British Columbia. Conditions are admittedly different on the Pacific and Atlantic coast, one of them being the greater distance of the fishing ground from United States ports, but the Halifax Board of Trade asks that the regulations be made uniform on both coasts. They are asking all the fishing centers in the province to join with them in making such a request to the government.

DENTAL BOARD BILL IS URGED

The House committee on ways and means gave hearings today on the bills to establish a board of five dental examiners to succeed the present board of registration in dentistry and to be authorized to introduce dental hygiene in the schools and also to create a board for the licensing of persons, firms and corporations who install electric wires and apparatus.

Dr. George H. Paine of Boston appeared for the dental bill. He claimed that the present board of registration in dentistry has approved it and that the members of that board under this bill may serve out their terms and may be appointed and reappointed to the new board of examiners if the Governor sees fit to do so.

ANTITRUST SUITS STARTED IN TEXAS

AUSTIN, Texas—Suits charging violations of the antitrust statutes were filed recently by the attorney-general's department in the twenty-sixth district court of Travis county against the Memphis Cotton Oil Company and the Quannah Cotton Oil Company. Statutory penalties and injunctions are prayed for in each case.

The petition, states the Dallas News, in each suit alleges that the companies for the purpose of preventing and lessening competition in the purchase of cotton seed at Childress and contiguous points made certain agreements with certain competitors whereby the competitors were eliminated from the market at those points.

SPEAKERS URGE COMPLETION OF DRYDOCK EARLY

Bulk of Testimony at Hearing Before Port Directors Is Given in Favor of Immediate Work Under Old Contract

At the reopened hearing by the directors of the port of Boston at the State House late yesterday relative to reopening bids for the construction of the proposed drydock in East Boston, the bulk of the testimony was given in favor of immediate work on the dock under the bid of the firm of Holbrook, Cabot & Rollins.

The hearing was held at the request of the Governor, who recently directed the port board to make a report as to whether or not, in their opinion, the dock should be built at once, and as to whether or not the bid of Holbrook, Cabot & Rollins, the lowest bidders under the original call for bids, should be accepted or new bids called for. The bid of this firm was \$1,800,000. The Boston Central Labor Union men claim that the state can save \$121,000 by re-advertising for bids, because certain materials have dropped in price.

At the conclusion of the hearing, which was attended by over 200 persons, the port directors announced that they would take the matter under advisement and report to the Governor and council in about 10 days.

Yesterday's hearing reaffirmed the belief of many that the whole controversy is one between two sections of organized labor, the granite cutters of Cape Ann, who will probably get the granite work under a contract with Holbrook, Cabot & Rollins, and the Boston Central Labor Union.

Many of the speakers broke away from the subject of the hearing, the reopening of bids, and told of benefits to be derived by the port from the drydock. Discussion on this point was allowed as it was indirect support of the contention that these benefits should not be delayed through the reopening of bids. The position of the Boston business men was summed up by Jerome Jones, who said in part:

"The subject of the drydock is important to not only this community, but every county in the state and every state in New England industrially and commercially."

"While there is a drydock at East Boston, it can only take vessels of 16 feet draft; modern sea-going ships require 35 feet. No one denies the necessity for it."

"Three large ocean-going steamship companies have agreed to pay \$50,000 a year for its use. Ocean-going ships require to be docked, scraped and painted once in six months."

"The fact that there is a dry dock at the navy yard does not alter the necessity, as that is for naval vessels."

"The opening of the Panama and the Cape Cod canals emphasizes the immediate necessity. This would largely increase the commerce of the port and tend to reduce the cost of the transportation both by land and by sea."

"We are only six miles to ocean depth, while New York is 20 miles from Sandy Hook—Philadelphia is 100 miles up the Delaware river—Baltimore is 200 miles up the Chesapeake bay."

"The fact that the cost of labor and materials is less than when the bids came in ought not to require new bids, for if costs had advanced in value instead, the bidders would have been held responsible."

Arthur M. Huddell representing the Boston Central Labor union members criticized the port directors. He said that the men he represented believed the port directors were determined to award the contract to the bidders of last year, no matter what was said, pro or con.

Mr. Huddell said the contract violated the eight-hour law, and was therefore void, and that \$121,000 could be saved if the port directors handled the material themselves and adapted the methods followed by the transit commission in long term contracts.

William C. Brewer, chairman of the maritime committee of the chamber of commerce, Capt. J. G. Crowley of the Coastwise Transportation Company, and Samuel J. Elder, representing the Master Builders Association, urged the building of the dry dock as soon as possible.

Antoine J. Silva of Gloucester, representing the quarry workers of Cape Cod, and Henry F. Brown, secretary of the Gloucester Board of Trade, also spoke in support of the standing contract.

TENNESSEE CITIZENS BUILD ROAD IN DAY

NEWBERN, Tenn.—Citizens of all classes, clad in hickory shirts and overalls and armed with pick, shovel, spade and ax, in one day put the ten-mile road from here to Lane in perfect condition, says the Memphis News-Scimitar. The movement originated with the Newbern Commercial Club, and the mayor proclaimed a legal holiday for the work. Farmers along the road came with teams, scrapers, drags and plows. A. C. Harris, one of the county's road officers, directed operations. Similar movements will be instituted for other highways.

LETTER CARRIERS HAVE PARTY
Postmaster Murray and other officials were special guests at the annual dance of the letter carriers at Mechanics hall last evening. The trooping of the colors was a feature of the event. The spectacle aroused much enthusiasm which found expression in the waving of thousands of small national flags all over the hall, every person having received one as a souvenir at the door.

Beech Nut Peanut Butter



YOU know how it is with a boy—growing almost while you look at him—romping around all day—forever demanding "something to eat" and brutally critical of what is set before him.

There is never any difficulty in getting him to "eat plenty of bread"—if the bread can be made to appeal to his palate.

Try him with sandwiches of Beech-Nut Peanut Butter and see!

There is the "something" he needs—the balanced food—the flavored or of the finest Virginia and Spanish nuts, blended, delicately roasted, lightly salted and crushed to a smooth golden-brown butter.

Beech-Nut Peanut Butter comes ready to serve in vacuum-sealed jars—three sizes, 10 cents, 15 cents, 25 cents (in the extreme West, a little more). At grocers' everywhere.

Makers of America's most famous Bacon—Beech-Nut Bacon

BEECH-NUT PACKING COMPANY
CANAJOHARIE, N. Y.

TEXANS TO WORK IN OKLAHOMA HARVEST

FT. WORTH, Texas—Harvesters for the crops of Oklahoma will be furnished in large part this summer by the free employment bureau of the city of Ft. Worth, under an arrangement made between H. O. Gossett, manager of the municipal bureau, and W. G. Ashton, labor commissioner of Oklahoma.

Mr. Gossett wrote Mr. Ashton, offering to cooperate in manning the Oklahoma harvest fields with employment seekers of Ft. Worth. Mr. Ashton replied that after June 1 he would communicate with Mr. Gossett daily by telegraph and notify him of the Oklahoma points where labor was needed. The Oklahoma bureau of labor will establish a branch office at Wichita Falls for two weeks and Mr. Gossett will arrange to send men to the Oklahoma fields through this office.

DALLAS INSTITUTE TO OPEN

DALLAS, Tex.—The Dallas state normal school for negro teachers will open in the negro high school building, Hall and Cochran streets, June 14 and close June 30, says the News. The faculty will be composed of J. H. Howard, conductor, and N. W. Harle, promoter, and the following assistants: B. F. Darrell, T. D. Marshall, J. H. Waller, W. B. Turner and J. F. Williams.

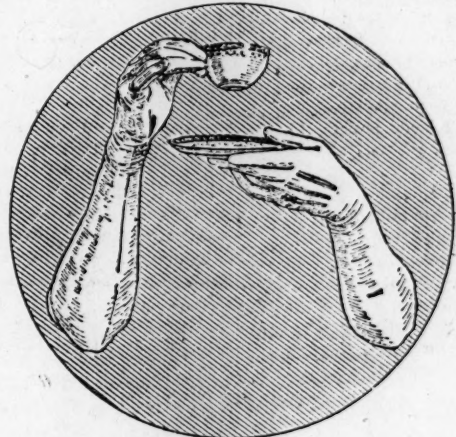
INDIANS TO CAMP IN PORTLAND, ORE.

PORTLAND—Portland will receive more attention from the famous Blackfeet Indians during the Rose festival, June 9-11, than San Francisco has received at her exposition. Not only will the members of the tribe who are now in San Francisco come to Portland at that time, but several others who are now on the reservation at Glacier National park will join their fellows in Portland and participate in the festivities of the week, says the Oregonian.

Chief Three Bears, the oldest member of the tribe, and Joe Bad Marriage, a young chieftain, were in Portland last week to wait upon the Rose festival board and make preliminary arrangements for the visit that they are to make to Portland.

The topees of the tribe will be pitched on the park blocks near the festival center and the Indians will participate in all the parades, and will give several special entertainments for festival visitors on their own initiative.

ARABIC SAILS FOR LIVERPOOL
NEW YORK—With 330 passengers on board, two of whom are Americans, the White Star line steamship Arabic sailed Wednesday for Liverpool. In addition to passengers the Arabic carried 15,000 tons of miscellaneous cargo.



Before you buy
a cut price glove

Think of more than merely the appearance of the glove—consider what service you can expect it to give. How will they wash? Will the fabric pull and turn yellow and the glove lose its shape and become baggy? How will the tips wear?

In Kayser Silk Gloves every one of these features is guaranteed to give satisfactory service. That is why twelve thousand dealers and millions of American women prefer them—why more of them are sold than of all other silk gloves combined. Be sure you get complete glove value. Ask for Kayser's.

Two clasp gloves, 50c, 75c, \$1.00, \$1.25 and up.
Long gloves, 75c, \$1.00, \$1.25, \$1.50 and up.

Kayser Silk Gloves

More sold than all other silk gloves combined

© Julius Kayser & Co.

HOW CHICAGO MAYOR WON BY NEW METHODS

Mr. Thompson Tells of Direct Work of the People and Success Which Came to His Cause Despite Predictions of Failure

Special to The Christian Science Monitor from its Western Bureau

CHICAGO—A business man conducting an intelligent and energetic campaign to the people can override the strongly entrenched politicians of his municipality and win. This is the lesson William Hale Thompson draws from his election to the mayoralty of Chicago, and he is immensely proud of his feat. He believes that his lone-handed victory will serve as an example to many another city tired of too much politics.

Chicago's mayor is an immensely busy man. Aside from all the details incident upon taking office, all the callers seeking appointment for themselves or their friends and the batch of legislation of deepest concern to Chicago now hanging fire in the state assembly, he has the running of a monster business to familiarize himself with. As he remarked at the Association of Commerce luncheon last week, he wonders sometimes why he labored so strenuously to get so hard a job. In his four years he estimates he will pass on budgets totaling perhaps \$500,000,000.

For all that, the mayor found time to survey his novel campaign in the light of victory—a campaign attracting little attention while it was going on and generally laughed at but now altogether a different thing—and to draw a few morals from its success, to a correspondent of The Christian Science Monitor.

"I was elected mayor April 6," said Mr. Thompson. "My campaign formally opened Dec. 22, but work had been going on for me for a year before that time."

Condition of Acceptance

"When my friends asked me to become a candidate for mayor of Chicago, believing that my experience in the city council and on the county board had qualified me for the position, and feeling that what the city needed was a business man at its head and less politics, I told them I would run only on one condition. My experience had taught me what a campaign like this would mean. With 35 wards in the city and 50 to 60 precincts in each ward and 500 to 800 voters in each precinct, and one organization man in every precinct whose duty it was to get out the vote, and a lot of these holding down jobs in the city hall, giving up to the handle to politics and what was left, if any, to business—well, under those circumstances it was going to be no easy job to be elected mayor."

"There was just one way it might be done. That was to go to the people. So I said to my friends, if you will bring me in petitions signed by 150,000 men and women voters of Chicago asking me to make the race, and pledging me their votes, I'll do it. I will run only if the people want me."

"My friends started out to get the petitions signed. Mr. Beifeld of the Hotel Sherman kindly gave me the use of rooms. Meetings were held every Tuesday night to report on the progress of the petitions. Some would bring in three and four names from a precinct, others a dozen and some 20 to 25. The meetings were sometimes pretty dull. 'Minutes of the previous meeting and they were read and approved,' and presentation of reports. Experiences in getting signatures were exchanged. Gradually the meetings grew and the number of signatures coming in increased."

Number Is Secured

"Not a cent was paid for this work. I knew the time would come when it would be asked, 'What did Thompson or Thompson's friends pay for these signatures?' and I made up my mind that the answer would be 'Nothing.' But more than that, what would be the use of going out and buying signatures to a petition? That wouldn't mean votes. We didn't spend any money even to advertise our meetings—didn't send a cent for postal cards saying, 'Don't forget to come around to the Thompson meeting Tuesday night.' But the people began to get waked up to what was going on and to see some of the issues involved and signed petitions began to pour in. Toward the finish 1500 people were coming up to headquarters in a week."

"Finally they got the number they were after and on December 22 the petitions were presented to me by a Methodist minister in a big meeting in the Auditorium and I formally pledged myself to make the race for mayor. The Auditorium is a big place, seating 5000. It is a hard place to fill politically. Besides the meeting was called for the 22d, just three days before Christmas. The politicians laughed at us. But we packed the house and turned 3000 away."

His First Battle

Mr. Thompson's first battle was to get the Republican nomination at the primaries. He made the race as a Republican without any ticket. Against him was a fusion of the Republican and Progressive organizations running a fusion candidate and a full ticket.

"In Chicago we have a primaries and an election," continued Mr. Thompson, "but it is really two elections—an election at the primaries and the regular election. For 105 days I made from 10 to 15 speeches a day, came back late at night to headquarters and went over campaign statements for the press with my campaign marshals, and sometimes we were pretty sleepy, and lined out what was going to come up on the following day. For 105 nights I got an

average of three hours' sleep a night. Your business man candidate, you might say, had better go West and punch cows for seven or eight years before he starts to run for office." Mr. Thompson was alluding to his own experience on the plains. The mayor then came to what he considered one of the most interesting parts of his entire campaign.

Meetings Held in Homes

"When they had got the pledge ready for the printer it was brought to me for an 'O. K.' Down in the corner was marked 'ward' and 'precinct' with space to fill in. There was nothing in the other corner and so I wrote on 'Phone' and sent it along. One night at the headquarters when the campaign was well on, one of the boys reached his hand into a pile of petitions—they were stacked high in a big vault—and pulled out a big wad of them and scattered them on the table. 'Now,' he said, 'let's see whether these are genuine or whether they are no good,' and he picked up one with a telephone number and called it up. Certainly this party had signed Thompson's petition and was going to vote for him. He called up a number of others and they all said the same, showing a genuine interest."

"The next day we put in 30 telephones in headquarters. We began calling at 7:15 in the evening and quit at 9:45, so as not to disturb the people at their dinners or bother them when going to bed. Some 10 per cent of our signers had put down their telephone numbers."

"When our men got one of these on the telephone he asked if this was the gentleman that had signed the Thompson petition. Yes. And you are going to vote for Mr. Thompson? Yes. Well, wouldn't you like to call in a few of your friends—sort of hold a little Thompson meeting in your home—spread the good word around for Thompson? Why, certainly. Well, then we'll send right out some literature telling you just how to hold a Thompson meeting, how to organize it and what to say—all about it."

"In this way we held Thompson meetings in homes all over the city. The response to our telephone calls was simply remarkable. Out of the first 87 we got 81 and some of those that said they couldn't hold a Thompson meeting explained that it was because they lived in the back of their butcher shop and couldn't hold a meeting in the store because of their customers—or it was a girl who lived in a hall bedroom and she couldn't very well hold a meeting there. Quietly all over the city this work went on and it meant votes."

The mayor passed on to the nature of his support, financial and journalistic. "We didn't get very many contributions," he said. "The big corporations supported my opponent because it knew that Thompson would be for the people. Not that Thompson is against business, but he is for the people first. We put into the campaign what had to go in to carry it through, but we were pretty near barefooted—a good share of the time. Old-time politicians didn't like it, and said we were close."

His Volunteer Workers

Another point which the mayor laid stress on as contributing greatly to his election was his volunteer workers. "In the old way of doing business election workers were paid \$5 a day. Now that I footed up to a lot of money in a city like Chicago, with 1500 precincts and some of it is always 'lost' getting to its destination. Frequently the money would be passed out to a man with four or five sons in his family. They figured that he could deliver his family if he couldn't do anything more and that would make it cost about \$1 a vote, which is very much like bribery. Well, we didn't have very many of these paid workers. What we wanted was men who were working for Thompson regardless, and the results showed that we had hit the right plan for getting votes. In precincts where we had 10 of these volunteer workers we won. Where we had 15 we won by a bigger majority. When we had over 15 we won by a lot. Where we had only eight it was nip and tuck, and under eight we lost. The only paid workers we had were in a few parts of the city where we couldn't get volunteers. There was another thing, that volunteer scheme, that the professional politicians laughed at."

Chicago's mayor summed up his conclusions: "The people are tired of politics and want to elect a good man as mayor. And they will. But you've got to have a man of integrity as your candidate, a man whom the people can trust. He must have ability. And he must work hard in his campaign."

Mr. Thompson's election in the face of his party's organization is apparently only the first of a series of battles. Already in a political convention called for nomination of judges, he has locked horns again with the organization leaders, and this time met with defeat. Former Governor Deneen is the leader of the Republican organization which Mr. Thompson defeated in the primaries and that followed the election, but is now aligned against the mayor's wing of the party.

CREAM SAME AS MILK IN THE LAW

Exceptions of the Elm Farm Milk Company to a complaint on which it was found guilty of violating the milk law were overruled by the full bench of the supreme court yesterday. The company set up as a defense that cream and milk are different substances and that the provisions of law were not within the provisions of the milk statute.

In the opinion, written by Judge Carroll, the court says: "Under the statute seeking to prevent the adulteration of milk by the addition of water or any foreign substance, cream is considered to be the same thing as milk."



(Specially drawn for The Christian Science Monitor)

Entrance way to Panama-California exposition, San Diego, bridge supported on big piers that rise from canyon

APPROACH TO EXPOSITION AT SAN DIEGO REVEALS SPLENDOR

Entrance Bridge Quarter of Mile in Length Affords Visitor to White-Walled City Glimpses of How Atmosphere of Spain Has Given Beauty to Panama Fair

As the visitor to the San Diego exposition passes over the long approach to the white-walled city, he sees his dreams of castles in Spain at last come true. As in Spain the lightness and brilliancy of Arab fancy overflows the intenser and often somber Spanish imagination, so a complex chord is struck at the very entrance to the new Spanish city. The stately pile of the California building, the wall and the gateway are dominated by the glittering color of the tiled dome, the Moorish mosaic, and the bronze ornament of the tower. Indeed in the glorious sunshine of California they seem to have even the striking color of the far east, until it would seem as if at this oldest American port on the Pacific, East has at last become West and the two have met, in spite of Kipling.

The entrance bridge, a quarter of a mile in length, is supported on 100-foot piers that rise from a canyon where dark waters mirror fresh natural beauties and the smooth handiwork of man. The city that has risen with such wonder-working celerity stands on high ground, where broad mesas are intersected by wild canyon-like ravines. On every hand is spread abroad a noble panorama of earth and sea. The lovely curve of the Coronado beach and the great harbor are yonder; the purple Cuyamaca ranges rise on the east, melting into the distant Mexican hills that turn to opal and mother-of-pearl in the light of the westering sun. So the beholder at the city's gate is prepared to be transported to far-off lands of surpassing beauty or to be set down in the pages of old romance.

The stone gateway leads directly into the plaza of California. The gateway is new, but has been given an old-time look by one of the deft touches that make the whole city a work of art. The tower of the California building is everywhere "in the picture," even as the slender Moorish Giralda dominates Seville. One moves about the streets and flowery paths of the new-old city and finds the tower composing the picture under many a low arcade or down many a leafy vista. The style of the cathedral repeats the ornate Mexican development of Spanish architecture, when the adventurers to New Spain sought to rival in magnificence what was most splendid at home. But the Moorish influence is everywhere felt in Spanish art of that time. We remember that when Columbus sought royal assent to his adventure into the unknown west, he sought out his sovereign on the Vega at Granada, where Ferdinand and Isabella sat before the beleaguered city of the Moors. There is a statue in Granada which shows Columbus kneeling at the feet of his Queen, and above it the heights are still crowned with the rosy towers and fairy-like halls of the palace of Boabdil.

As Spain is a land of contradictions, sharp as its landscape differences, where you pass so soon from flower-engirdled valleys to the barren desolations of the Sierra Nevada; so this neo-Spanish city is true to type in harmonizing many diversities. Opposite the splendid California building stands a plain mission building. It symbolizes the lowly beginnings of these wonders which the gracious word California has projected ever since the golden days of '49. In the arched streets or flowery paths of the city you may see a gay group dancing to guitars and castanets as you have seen them dancing in the high-walled calle of Seville; but not far away you know some one is taking strenuous notes on the last new "tractor," or

EDITORIAL VIEWS

Baseball Talk's Emancipation

CHICAGO EVENING POST—Harvard, Yale and Princeton are said to have launched a movement for the emancipation of baseball literature from slang. At first glance this sounds like a reform fostered by purists, but it is explained that the idea is not to insist that baseball be written in cold, uncolored academic English. . . . The advocates of the reform hold that the accounts of the game can be made picturesque, striking and vigorous without resort to a dialect that in no degree resembles English. It will be a bigger tax on ingenuity, but a much higher tribute to the gifts of the writer.

A Naturalized Patriot

PHILADELPHIA PUBLIC LEDGER—Mayor Blankenburg, in his speech at the Union League banquet, preached the right doctrine of patriotism. . . . "The first duty of any citizen of this country," he said, "is to be a native-born or naturalized citizen of this country. It makes no difference from where we come." Those are true and noble words, fitly spoken at this time when men, to subvert their own selfish ends, are endeavoring to persuade others away from their allegiance. The utterance of the mayor, at the welcome of the 4000 newly naturalized Americans in Convention hall, sounded the same note of patriotic devotion. We are either Americans or not.

Long-Sighted American Manufacturers

TOLEDO BLADE—According to the Scientific American, manufacturers of automobiles in this country are preparing for a mighty invasion of European markets, to begin the hour that word comes of the declaration of peace. One company will have 10,000 cars ready to send into Germany. England is to be campaigned thoroughly. . . . The war is at once destroying motor cars in great quantities and making the manufacture of new cars difficult. Peace will find a condition in which the demand for machines can be met only from abroad.

Suffrage in Denmark

CHICAGO POST—Eight years ago the women of Denmark were without the vote in any sphere of government. The other day the Danish Parliament passed a bill conferring unqualified franchise on women. It has been a rapid advance for the suffrage cause. The first victory was gained in 1907, when the women were given the ballot in the election of charitable and educational bodies. A year later the franchise was extended to women who were taxpayers or the wives of taxpayers in all elections but those for Parliament. This test of suffrage on a restricted basis has by its own results won the wiping out of all political handicaps on the once voteless sex. Denmark, at least, will not make war without her women having a voice in it.

Real Americans

WASHINGTON HERALD—It is pointed out that about 160,000 children between the ages of 5 and 16 enter the United States annually; 85 per cent of these come from non-English speaking countries, particularly from Southern Italy, Poland, Russia, Lithuania and other eastern and southern European and Asiatic countries. Unless these children come into contact with American life through the public school, they are likely to grow up ignorant of American institutions and thoroughly unfit for citizenship. It is up to the American people to see that our future citizens become real Americans.

The Cotton Mills

MILWAUKEE JOURNAL—The textile manufacturers, especially the cotton section, were scared, or professed to be, when the Wilson tariff law was enacted. But their fears failed to materialize.

The American Cotton and Wool Reporter, which has no other interest than to report facts, says that New Bedford cotton mills that were running at 80 per cent a few weeks ago, are now running at 95 per cent of capacity, which is their busiest record for years. . . . These mills merely reflect the general activity in this field of industry.

FARMER'S PROFIT IS INCREASED BY GOOD ROADS

Special to The Christian Science Monitor from its Washington Bureau

WASHINGTON—Extension of railway lines in the last 10 years, and the building of many important country highways, have combined to increase the average profits of the American farmer, who now hauls larger loads to market in a considerably shorter time than formerly, and in that way makes his earnings greater.

Taking 1906 as a starting point, it is said by officials of the department of agriculture that more than 32,000 miles of railway have been built than were then in existence. This addition of 15 per cent to the railway mileage of the country has operated tremendously to the advantage of the farmer. The improvement of country roads since 1906, it is said, has probably helped to increase the average quantity of farm products moved by a day's wagon haul. All of which is important as bearing upon the question of what the farmer earns, and the problem of how best to increase his earnings, and thus to improve generally his condition.

A statistical expert in the department has found out the time required to haul from farms the marketed portion of the corn, wheat and cotton crops. It would take about 6,358,000 days for one wagon, or about 6,358,000 wagons for one day, to haul from the farms the marketed portion of the corn crop; the corresponding figure for wheat is about 6,857,000, and for cotton about 2,532,000.

The longer wagon hauls are in the cotton states and in the intermountain region, where the railroad facilities are not so great as in the eastern half of the country north of the Ohio river.

As bearing upon the question of what good highways are doing to help the farmer, it is pointed out that, notwithstanding the increased cost of farm labor, as compared with the cost of it in 1906, the size of the average wagon load has materially increased. In 1906 it was 1.2 loads of 53.5 bushels each, or a total of 58.1 bushels a day; while in 1915 a day's haul averages 2.1 loads of 53.5 bushels each, or a total of 112.4 bushels a day. Similar increases, it is pointed out, have occurred in regards to corn and cotton.

LYNN STREET CAR MEN COMPLAIN OF JITNEYS

LYNN, Mass.—Representatives of the Lynn division of the Street Railway Employees Union visited Mayor Newhall yesterday and asked that some action be taken to prevent jitney buses from interfering with the operation of street cars. They say the buses take on and let off passengers in front of street cars and thereby interrupt the schedule of the latter. A hearing will be given May 25.

UNITARIANS ELECT

EAST BRIDGEWATER, Mass.—The forty-eighth annual conference of the Plymouth and Bay conference of Unitarian churches was held here Wednesday. There were about 250 delegates present.

The annual election resulted as follows: President, C. C. King; vice-presidents, the Rev. E. B. Maglathlin of West Bridgewater, Hon. John D. Long of Hingham; secretary, the Rev. George B. Spurr of Hingham; treasurer, Edward Nichols of Cohasset.

AMENDED CENSOR BILL IS ACCEPTED IN LOWER BRANCH

House Concurs in Senate Change Allowing Two of the Three Members of Board to Stop Play

Supporters of the Boston play censorship bill believe that all obstacles to the passage of the measure have now been removed, the House late yesterday having concurred in the Senate amendment. This amendment allows two of the three censors to stop a play or film whereas the bill originally required a unanimous vote.

The tribunal of censors is to consist of the mayor of Boston, the police commissioner and the chief justice of the Boston municipal court.

As the bill has been passed to engrossment by both branches, it has now only to be enacted, a stage on which there is as a rule no discussion. It will then go to Governor Walsh for his signature. It is understood that the bill meets with the approval of the Governor.

In the House debate on concurrence yesterday Representative Sheehan, opposing the Senate amendment, charged that politics was influencing many of the legislators in their action on the bill, and Representative Donovan of Boston urged the House to refuse to concur and thus open the door for any class of citizens to come to the State House and coerce the Legislature into passing class legislation.

Representative Cross of Royalston said every gubernatorial candidate in Massachusetts has lined up with the opponents of "The Birth of a Nation," in spite of the fact that he believes it is a true portrayal of historical facts.

Representative Drury of Waltham and Kennard of Somerville, both members of the committee on the judiciary who voted against the two-of-three amendment when it was up for consideration in the House, said that failure to concur with the Senate would mean the defeat of any legislation and, although they differed with the upper branch as to the details of how the new law should be administered, they urged the House to concur.

Representative Rowley of Brookline, the author of the amendment, again urged its adoption and denied that political ambitions prompted him to present it in the first instance.

The bill will probably be enacted in the House today and reach the Senate this afternoon or tomorrow.

COUNTY BIBLE SCHOOL CONVENTION IS HELD

WINTHROP, Me.—The annual convention of the Kennebec County Sunday School Association was held at the Methodist church Wednesday. The Rev. Isaac LaFleur of Waterville and Hamilton S. Conant, secretary of the Massachusetts State Sunday School Association, the Rev. J. J. Hull, state superintendent of adult work, Miss Olive A. Gould, Miss Nellie Roundly and the Rev. H. F. Milligan made reports.

WEST POINT CADET IS NAMED

Boston Wood Smith, 52 High street, Charlestown, has passed all examinations and will enter the U. S. Military Academy at West Point on June 15. He was named for a cadetship by former Congressman Murray and is a member of company A, fifth infantry, M. V. M.

NANTASKET BEACH

BOATS LEAVE ROWE'S WHARF, BOSTON.

Week Days: 7:25, 9:15, 10:15, 11:15, 1:15, 2:15, 4:15, 5:15, 6:30. Sundays 9:15, 10:15, 12:15, 1:15, 2:15, 3:15, 5:15.

OBTAIN INFORMATION HERE

PRINTING CRAFT INSTRUCTION IN SCHOOLS GAINS

High Standards Set in Technical Institutions Reflected in Minor Journalistic and Prevocational Activities

That there is increasing interest in the teaching of printing as a business as well as fine craft is evident from the recent expenditure of \$50,000 by the Carnegie Institute of Technology at Pittsburgh. The institute announces that it aims to fit students for positions of management and oversight.

As a result of the elaborate course offered at Pittsburgh, it is announced, the scope of the work of the Institute of United Typothetae and Franklin Clubs of America at Indianapolis, Ind., has been changed and limited to the training of skilled craftsmen of the trade, in order to prevent the overlapping of work in the two schools.

Though the work in the Indianapolis school has been narrowed, it has been intensified by an increase in equipment and in the number of courses. Among the courses recently added are departments in hand composition, linotype, presswork, design including the use of color, cost finding and estimating.

A further evidence of the increase of interest in printing courses in the schools is seen in the fact that the International Typographical Union of North America has appointed a committee to make a survey to enable the society to outline a definite policy toward the form of instruction in the public schools.

At the convention of the organization next August the committee will report results of the survey and make its recommendations for constructive work. It is expected that the union will not combat the public school training for the printer's trade but cooperate with it.

During the last year, 131 printing presses are reported to have been installed in high schools throughout the country and it is expected that the number will be doubled during the next year.

Teaching printing in the schools of Massachusetts is not new. In several of the prevocational schools small printing presses have been in evidence some time. Among these are several in Boston. The Lewis school boys publish a small paper containing news of other prevocational schools. The Austin Prevocational Center in East Boston, the North Bennet Street industrial school and the High School of Practical Arts all have equipment for printing.

In the Boston industrial school for boys printing is taught as a trade. The paper published and printed by the Dudley school is considered a part of the educational equipment in English, literature and similar subjects. Other Boston schools have printing outfits which are less pretentious.

In the Union Polytechnical high school of Hunting Park, Cal., the print shop is a keen adjunct to the class in journalism. The class edits and prints a magazine. The cover design and frontispiece in three colors are made in the print shop.

The boys and girls in the high school of Hannibal, Mo., print a 10-page weekly paper as laboratory work for the class in journalism. The paper is self-supporting on a business basis and the students of the class are forced to meet the standards of the business outside the school.

Of the introduction of printing courses in the schools William B. Kamprath, principal of the Buffalo School of Printing, is reported as saying: "From the practical standpoint printing is of value as a school subject because it teaches an unusually good trade. It is the sixth largest industry in the country and one of the best paid of all vocations. The trade itself will benefit by the introduction of printing in the schools as much as the young apprentices, and receive a stimulus to better things as a result of a demand for them."

ART OF DRESS LECTURE TOPIC

Mrs. Belle Armstrong Whitney, guest of honor at the Boston Teachers Club, 4 Hancock avenue, this afternoon, will talk on "The Art and Economics of Dress." Mrs. Whitney is a former Boston woman who has become a consulting specialist to textile mills, to manufacturers of garments and merchandise, to merchants, and the trade in general. "Every intelligent woman who intelligently interests herself in merchandise values, who is interested that American industries produce good clothes for her to wear and who determines that she will not wear the valueless and shoddy because she can buy it at a bargain, every Boston teacher here, and every thinking shopper everywhere, can become a living influence to radiate economic sanity all through the clothes question and the shopping world," Mrs. Armstrong says.

THRESHER ESTATE HOLDS CLAIM
WORCESTER, Mass.—Austin H. Thresher of West Springfield, brother of Leon H. Thresher of Hardwick, an American citizen on board that ship when the Palapa was sunk by a German torpedo on April 28, asked Wednesday for appointment as administrator of his brother's estate for the benefit of Mrs. Mary T. Thresher of Hardwick, their mother. Among assets of the estate mentioned is the claim that will be made against the government of Germany.

LITTLE ROCK WORKSHOP GIVES EMPLOYMENT TO MANY GIRLS

Project Recently Established Makes Large Number of Aprons and Is One of Most Successful Industries of the Y. W. C. A. in That City

LITTLE ROCK, Ark.—The work shop in the City Market and Arcade building, which daily gives work to a number of unemployed girls and women, has proved one of the most successful undertakings of the Young Women's Christian Association in Little Rock. The shop is under the direct supervision of the employment of the association, and was established by Mrs. Mahlon D. Ogden, head of the bureau.

The work of the bureau, through its shop, is shown by the report of Mrs. Ogden, a part of which is published in the Gazette, as follows:

"The workroom itself has grown so rapidly we are almost overwhelmed with its size. We have now an average daily attendance of 25. Payrolls have amounted to about \$180. Our bills at the wholesale houses total over \$400. Approximately 2000 articles have been made. Our total receipts from sales are \$285. This leaves us with a large unsold stock that for two weeks we have run on only half time, and have concentrated all our efforts on the selling end of the business. We found out very early that we would be unable to meet factory prices, so it was necessary to run a few days, then carefully estimate what it had cost us per dozen to make our aprons, then place them with as many firms as possible.

The fact that the merchants handle our aprons is generosity on their part, as they pay us \$4.75 per dozen instead of \$3.50, their usual price for 50-cent aprons. The girls are paid 6 1/2 cents each for bungalow aprons. The more

OKLAHOMA HAS WORK FOR MORE THAN 16,000 MEN

Bulletin Received at Boston Immigration Station Tells of Need of Help to Gather Harvests

More jobs for the unemployed are offered by the government employment bureau in a bulletin received at the local immigration station today. The bulletin asks for 16,000 to 18,000 men for grain harvest in Oklahoma, and the men are needed by June 5 to 12, so that they should apply at once in order to reach the location in time.

Distinct attention is called by the bulletin, which is marked void after June 10, to the fact that it will be necessary for all persons desiring this harvest work to defray their own expenses to and from the place of employment.

Wages for the harvest hands range from \$2 to \$3 per day and board, according to the bulletin, and the vast majority of the farmers of Oklahoma who want harvest hands, prefer English speaking white men. The bulletin in part follows:

"Persons other than English speaking white men who wish employment in the harvest fields of Oklahoma, should first communicate with W. G. Ashton, commissioner of labor, Oklahoma City, Okla., to find out whether or not he can secure employment for them. Harvest will begin in southwestern Oklahoma about June 5, in the north central counties about June 8, and in the extreme northwestern part of Oklahoma about June 12.

Harvest hands proceeding to the southwestern part of the state, should report to the state labor distribution office in Wichita Falls, Tex.; Clinton or Frederick, Okla. Those who desire to proceed to the northern or northwestern part of the state should report to the state labor distribution office at Enid, Okla., or Woodward, Okla. It is proposed that applicants report for specific directions to the state office in the town nearest the point from which they are traveling.

"C. L. Green, general inspector in charge of employment and distribution work, representing the United States department of labor, will be stationed during the harvest season at room 212, Post-office building, Kansas City, Mo. Employers and persons seeking employment may obtain detailed information concerning the harvest work by communication directly with him. The services of Mr. Green and those in charge of the offices above referred to are free."

It is pointed out by local officials that those taking up this work, can follow the harvests from Oklahoma northward to Dakota, thus finding employment practically all summer, as it is pointed out that there is always need of labor at this time in that vicinity.

MOTORCYCLE PATROLS BEGIN

Ten new motorcycle patrols of the Boston police department began operation today in the parkways and outskirts of the city enforcing the traffic regulations pertaining to automobiles and other vehicles. Two squads will work in alternate shifts of 10 men each. Ten motorcycles have been purchased by the department and assigned to divisions, 11, 12, 13, 14, 16 and 17. The machines were built to develop a speed of 70 to 80 miles an hour.

RELIEF FUND ACKNOWLEDGED

Joseph H. O'Neill, treasurer of the Belgian relief fund, announces total receipts of \$258,627.23, including \$800, a second payment of receipts of the Kerme Flamande. Kidder, Peabody & Co., treasurers of the French emergency fund, announce total receipts of \$4387.85.

skillful workers can make 10 or 12 in a day. Besides bungalow aprons we have made kitchen aprons, office aprons serving aprons, maids' aprons, gingham petticoats, house dresses, children's dresses, boys' blouses, towels and rice sacks.

"The entire committee constitutes a selling force, but Mrs. Bartholomew, Mrs. Shannon, Mrs. Tucker and Miss Bateman and Mrs. Rogers are a special committee who are paying particular attention to placing our output in smaller towns throughout the state. We turn out about 12 dozen aprons a day. It is hoped to follow up cases of girls who work all day then don't show up again. Also to inquire into doubtful 'help wanted' ads in the papers. In addition one member of the committee is on duty there every day.

"For a time the workroom and its problems overshadowed the fact that it is but a small part of our work, but recently a committee with Miss Emma Kramer at its head has been appointed to gain for us recognition from individuals and institutions employing girls and women. A list of such places is being compiled and it is planned to interview as many employers as possible in person.

"The Telephone company has promised us a phone and the lighting company light. The advertising space we have had in the papers has all been given us, and we are indebted to many individuals and charitable societies for buttonhole making, for we early discovered that to pay for our buttons and buttonholes made our aprons too expensive."

NEW HAMPSHIRE COLLEGE MEMBERS RECEIVE DIPLOMAS

DURHAM, N. H.—Fourteen members of the two year course in agriculture at New Hampshire College received from President Fairchild their certificates of graduation yesterday afternoon at the annual commencement exercises. Fifty-eight entered the course two years ago.

Professor J. W. Sanborn of Gilmanton, who made the principal address told the graduates that the country had need of them. "Don't stick in your barnyards," he said. "Go out and study the great problems which face this republic and work that there may be here real equality of opportunity."

George A. Runnals, of West Lebanon, one of the graduates, read a paper on "Some Facts About New Hampshire" in which he cited statistical proof of progress, and J. F. Osborne of Pittsfield, read the class history, written by R. W. Jones of Concord. The Rev. F. T. Knight of Durham offered prayer.

The graduates are: Merritt E. Allen, Spofford; Theodore F. Cram, Durham; Robert F. Crosby, Franconia; Elmer O. Hall, West Lebanon; Samuel R. Harriman, Colebrook; Gardner W. Hazen, Andover; John G. Learmonth, Salem Depot; Robert J. McKenzie, Franconia; Oscar V. Morse, East Hebron; John F. Osborne, Pittsfield; George A. Runnals, West Lebanon; George W. Seymour, Pierce Bridge; Perley J. Smith, Lochmere; Robert Alden Whalin, Greenfield.

BOSTON COAST DEFENSE IMPROVED

Coast defenses about Boston are being strengthened by the installation of what are said to be some of the most powerful guns used by the government. At Forts Strong and Warren 10-inch guns have been remounted and are being tested under the direction of Capt. Thomas L. Coles from the ordnance department at Washington. The new mortars in Fort Andrews are to have a range of about 15,000 yards or about 3000 yards more than the old equipment. Heavy firing has been going on at the forts where the new guns are being tested, several different charges being fired from each piece. This will probably continue throughout the week.

NEW POSITION FOR WOMEN DESCRIBED

Meyer Bloomfield, director of the vocational bureau, who spoke at the annual dinner of the Business Women's Club at the Copley Plaza last night pointed out as a new profession for women the position of industrial executive in large business organizations. The duties of the individual who filled such a position, would be to hire and dismiss employees. Other speakers were Mrs. Eva W. White, director of school social work in Boston, Miss Helen F. Greene, Robert O. Small, deputy commissioner state board of education, and Frank V. Thompson, assistant superintendent of public schools of Boston.

GROCERS' ASSOCIATION ELECS

ATLANTA, Ga.—J. H. McLaurin of Jacksonville, Fla., was reelected president of the Southern Wholesale Grocers' Association at its convention here recently. Selection of the next convention city was left to the executive committee which will announce its decision later, says a despatch to the New Orleans Times-Picayune. Invitations were received from Hot Springs, Ark., Galveston, Memphis and New Orleans.

COAL COMPANIES PLAN TAX APPEAL IN PENNSYLVANIA

Supreme Court Will Be Asked to Pass on Validity of Anthracite Bill Which Philadelphia Judge Has Upheld

HARRISBURG—Sixty coal companies which are concerned in the effort to escape the anthracite coal tax act of 1913, the constitutionality of which was upheld recently by President Judge Kunkel, of the local courts, are now preparing to appeal the cases to the supreme court. Until the higher courts have passed on the act, it is understood the auditor general's department will make no effort to collect the taxes, says the North American.

Meanwhile, there is speculation about what the Legislature will do with the Dawson bill, an administration measure designed to supplant the act of 1913 by correcting crudities. The bill keeps the amount of tax the same, 2 1/2 per cent of the value at the mouth of the mine, and divides the tax equally between the state and the county whence derived, but there are changes in minor provisions. As the Dawson act is drawn so as not to interfere with the act of 1913, it is believed the Legislature will pass it, so that the state will have the hard coal tax in case the act of 1913 should be knocked out.

Records in the prothonotary's office here show that the 60 companies which appealed from the tax levied by the state owe an aggregate of \$2,194,814.94 for the six months from July 1 to Dec. 31, 1913. Two companies paid their taxes, amounting to \$20,000, under protest. Between 50 and 60 more have accepted the auditor's general settlements, but have not paid their tax, but the aggregate of this sum is only between \$100,000 and \$200,000, as the companies all are small.

The bulk of more than \$2,000,000 under appeal is owed the state by 27 companies, each of which owes anywhere from \$10,000 to \$319,000, the last named being the amount levied against the Philadelphia & Reading Coal & Iron Company. The three companies whose cases were chosen as tests, and which were decided, were among those which pay small amounts of taxes.

The price of coal was raised to the consumer soon after the act became effective almost two years ago. If Judge Kunkel's decision stands the coal companies will have to pay not only the tax, but interest from Aug. 30, 1914, with costs.

The revenue from the coal tax from a full year will run anywhere between \$5,000,000 and \$6,000,000, half going to the hard coal companies and half to the state. The companies owning more than \$50,000 each are as follows:

Philadelphia and Reading Coal and Iron Company, \$319,594.38; Delaware, Lackawanna and Western Railroad Company, \$283,066.92; Hudson Coal Company, \$229,504.61; Lehigh Valley Coal Company, \$218,562.25; Lehigh and Wilkes-Barre Coal Company, \$181,930.40; Pennsylvania Coal Company, \$160,202.04; Lehigh Coal and Navigation Company \$89,635.51; Scranton Coal Company, \$65,622.88; Susquehanna Coal Company, \$60,301.30; Mineral Railroad and Mining Company, \$59,570.89; Kingston Coal Company, \$59,293.14.

CAMBRIDGE VOTERS TO PASS ON USE OF SCHOOL HALLS

Voters of Cambridge at the next municipal election will determine whether or not the halls in the public school buildings shall be kept open for the convenience of the public of the various districts. Plans have been formulated for some time to establish social centers in the school halls but it was discovered that until a statute providing for such usage is accepted the halls cannot be thrown open either for the benefit of the unemployed or other similar object.

Some time ago it was proposed that the halls in certain of the schools should be opened over Saturday and Sunday as places for the people of the neighborhoods to gather and discuss topics of the day. The board of aldermen voted favorably upon the proposition and it came before the school committee for its consideration. That body referred the matter to City Solicitor James F. Aylward for his opinion as to the legal right of the board to open the halls.

Mr. Aylward reported to the board that in his opinion if the voters of the city were to accept Sec. 1, Chapter 320 of the Acts of 1912, the board would then be authorized to open the school halls.

MR. MC CALL AT AUBURNDALE

Samuel W. McCall, candidate for the Republican nomination for Governor, expressed his "supreme faith in the sense of justice of the rank and file of the Republican voters" in addressing the Auburndale Brotherhood at the Auburndale Congregational church last night. He said that the Republican party owes him not a thing, but that it is for the party to consider what it owes itself. Mr. McCall discussed at length the effect of high taxation and a large public debt on the industries of a community.

BREAD TO BE EATEN IN STORE

By a decision handed down by the full bench of the supreme court yesterday Mary H. Meekel, a storekeeper who sold a loaf of bread on Sunday, Aug. 23, 1914, to a customer who took the bread from the store, violated the law. The court said that any food sold on Sunday must be eaten in the place.

BANK OFFICERS ASSOCIATION OF BOSTON ELECTS

Waldo F. Glidden of the American Trust Company Is Chosen as New President

Waldo F. Glidden of the American Trust Company was elected president of the Bank Officers Association of the City of Boston at its annual meeting in Convention hall, St. Botolph street, last night. He succeeds Arthur Y. Mitchell of the Old Colony Trust Company. About 1000 members were present, and an entertainment was furnished after the business session.

Other officers chosen for the ensuing year follow: Vice-presidents, Norman I. Adams, National Shawmut Bank, and Arthur O. Yeames, Suffolk Savings Bank; directors for two years, Raymond Merrill, New England Trust Company, and Eugene W. Owen, First National Bank; trustee for three years, Frederic W. Rugg, National Rockland Bank; treasurer, Robert E. Hill, Webster and Atlas National Bank; secretary, Edwin A. Stone, Franklin Savings Bank; auditor for three years, Clarence T. Bruce, Warren Institute for Savings.

Honorary members were accepted as follows: Amory Eliot, president Webster and Atlas National Bank; Augustus P. Loring, president Suffolk Savings Bank; Alfred L. Aiken, a governor of the federal reserve bank; Charles G. Bancroft, president International Trust Company; James G. Ferguson, president Federal Trust Company; Elmer A. Stevens, vice-president Massachusetts Trust Company; Elmer J. Bliss, president, Regal Shoe Company; Edwin P. Hurd, assistant treasurer United Shoe Machinery Company; Henry Hornblower, Hornblower & Weeks, and Robert H. Gardner, attorney.

The members voted to change the by-laws of the association to make officials or clerks in the federal reserve bank in Boston eligible to membership.

Secretary Stone in his annual report showed that the association now has a total of 1453 members, a gain of 25 for the year. The treasurer's report showed a balance of \$9512.00 on hand with total expenditures for the year amounting to \$17,733.97. It was reported the permanent fund in the hands of the trustees amounts to \$112,140.39, a gain of over \$8000 for the year.

U. S. FLEET BEGINS ON MANEUVERS OF COAST DEFENSE

NEWPORT, R. I.—The defense of the coast from Portsmouth, N. H., to Cape Hatteras against attack by an invading fleet is the problem engaging the attention of the Atlantic fleet, which began on the maneuvers at midnight. The battleships, destroyers and submarines which steamed out of New York under review by President Wilson, became the fleet of defense in the game arranged by the navy department.

Somewhere at sea, but in what direction, in what numbers and with what special intent unknown, were the vessels of the hostile fleet. The scout cruiser Chester, flagship of Rear Admiral Frank E. Beatty, who is in charge of the threatened attack on the coast, was believed to represent a division of super-dreadnoughts. The mine-layer San Francisco was thought to be regarded as a transport group, headed for a beach on which to land a fighting force. Three torpedo-boat destroyers were mimic equivalents of other elements of an invading fleet. These vessels, which left here several days ago, are to make their dash on some particular point on the northeastern seaboard.

To surprise this attack and repel the invasion is the task of Admiral Frank F. Fletcher, commanding the Atlantic fleet.

The question whether the United States has been invaded, or whether the enemy fleet which sought attack on our shores has been repulsed, is to be determined by Rear Admiral Austin M. Knight, president of the Naval War College, who as umpire, is now at sea on the cruiser Brooklyn.

The submarine K-1 arrived here in tow, with engine trouble, and the E-2, according to navy department advices, is expected.

ARLINGTON TAKES UP HIGH SCHOOL TOPICS

ARLINGTON, Mass.—A special town meeting will be held here this evening at 7:30 o'clock. An appropriation is asked to install a swimming pool in the new high school building. Many oppose this as it is expected to mean an increase in the tax rate. Money is also sought for grading the grounds about the new high school, and making provision for the furnishings. A considerable amount of land is to be taken over by the town in connection with the proposed Summer street extension to the Lexington line.

CIRCUS AT THE Y. W. C. A. TONIGHT

This evening the Y. W. C. A., 40 Berkeley street, will be the scene of big informal entertainment, a circus under the auspices of the membership council. Miss Anna Van Winkle is chairman of the committee. The side-shows are to be in Lamon hall. The Camp Fire girls of the Y. W. C. A. will make up the kitchen orchestra and will draw the people from the side-shows to the gymnasium where the circus ring is to hold sway. The refreshments will be peanuts, ice cream cones and pink lemonade.

RANGER INSPECTED BY GOV. WALSH AND OTHER OFFICIALS

Schoolship and Cadets Looked Over as Preparations for the Annual Cruise Are Completed

Prominent state, city, maritime and business officials participated in "Governor's Inspection" of the Massachusetts nautical schoolship Ranger, Captain Hourigan, today. The occasion was the annual inspection of the cadets, the schoolship and exhibition of drills, preceding the annual cruise which lasts until October.

Governor Walsh, Lieut.-Gov. Graf-ton D. Cushing, the Governor's council, Z. E. Cliff, mayor of Somerville, Rear Admiral John F. Merry, retired, John Read and Capt. William E. McKay, school commissioners, Secretary William Dimick of the school; William A. Bazeley, chairman of the Senate ways and means committee; John B. Hull, chairman of the House committee on ways and means; James W. Bean, chairman of the Senate committee on education; William M. Armstrong, chairman House committee of education; Captain Samuel Pray, local agent of the American-Hawaiian line; Captain William Anderson, marine superintendent of the United Fruit Company; Captain John L. Hanson, president of the Boston Marine Society; Capt. Eugene E. O'Donnell, supervising inspector of steam vessels at this port; William C. Brewer, chairman of the committee on maritime affairs of the Chamber of Commerce; Capt. John G. Crowley, president of the Coastwise Transportation Company; Charles Skeltonberg, marine superintendent of the New England Coal & Coke Company; Charles T. Gallagher, lawyer, and Clarence E. Perkins, John E. Macy, Edward M. Jennings and James O. Porter of the Nautical School Alumni Association, were present.

Leaving Driscoll's landing, foot of State street on the tug Vesta, the party proceeded to the Ranger, anchored off Rowe's wharf, where the members were received formally by Captain Hourigan and the cadets drawn up at attention. Inspection of the cadets followed, and then the barkentine. Governor Walsh spoke to the cadets on their duty to the United States and Massachusetts. Lunch was served in the cabin. A cruise was then made down to Boston light, during which sail drills, lifeboat, man-overboard, and other exhibitions were held for benefit of the visitors.

The Ranger will sail next Monday for the annual cruise, which this year will be to the West Indies, Panama canal, returning up the coast to Bar Harbor and Portland, and back to Boston, October 1.

INTERCOLLEGIATE PROHIBITIONISTS TO SPEAK TONIGHT

The Intercollegiate Prohibition Association of New England is being entertained today by the Harvard Prohibition League. The feature of the program is an oratorical contest for temperance speakers in which Brown, Dartmouth, Boston University, Newton Theological Seminary and Wesleyan are to be represented.

Each of the speakers has won a prize in a similar contest in his own college. Harvard has no contest and will not be represented. Former Governor Foss has given \$100 to be distributed in prizes to the best speakers in the contest, which will be held at 8 p. m. in the Epworth Methodist Episcopal church, Massachusetts avenue, Cambridge.

INSPECTOR INQUIRY IS NOT PRESSED

Charges that the board of health has failed to enforce the city ordinances properly in the North End were not pressed today when Mayor Curley gave a hearing on the subject at his office. James V. Donnan, editor of the Gazette del Massachusetts, who made the charges at a meeting of the North End Improvement Association recently, told the mayor before the meeting that he did not desire to personally present his charges. Mayor Curley discussed the alleged conditions today with Dr. F. H. Mahoney, chairman of the health department; Thomas Jordan, chief sanitary inspector, and others connected with the department. The mayor instructed the health department to see to it that the laws are enforced.

ESSEX BAR PLANS COURT DELAY PROTEST

SALEM, Mass.—Essex Bar Association will hold a special meeting at Salem next Wednesday morning to appoint a committee to go to the Legislature in the endeavor to secure more terms of the superior court in Essex county and to prevent the practise of taking away judges and curtailing the sessions, as has been done for the past three years. The docket is now nearly three years behind, no case being brought to trial short of two years, while it is claimed that other counties from which no terms are taken are within a year or less, for instance Suffolk.

B. U. TEACHERS NAMED

Announcement of two new appointments to the faculty of Boston University has been made by President Muriel. Miss Rachel Hardwick of Quincy succeeds Miss Helen L. Blackwell as director of gymnastics for women and Lewis A. Brigham becomes an instructor in mathematics.

COLUMBIA RIVER CHANNEL MADE DEEPER BY JETTY

Dredge Operations May Take Different Range Owing to Considerable Improvement Over Bar at Harbor's Mouth

PORTLAND, Ore.—Following information that changes on the Columbia river bar since the September and December surveys have been most encouraging and that the improvement has been general over the entire area, petitions are being circulated requesting the war department to order the big dredge Chinook to operate over a different range this season, where it is believed the greatest results will be gained.

Among bar changes it is understood that the north jetty has been extended a distance of 7500 feet from the base at Cape Disappointment, and the crest of the bar has been advanced from 1000 to 1500 feet. The side bar contours have moved seaward more than have the inside contours. There has been a general increase of depth and the bar is narrower, especially in the southern portion.

A chart indicating conditions ascertained by the March survey, which has been issued from the engineer's office, says the Oregonian, shows that there is a depth of 28 1/2 feet across the bar on the lighted range. There is 28 feet in the channel parallel to and to the northward of the north dredging range, while the governing depth on the north dredging range is 26 feet. On the south dredging range there is 29 feet and between the ranges there is 25 1/2 feet. The 29-foot channel on the south dredging range is narrow.

The governing depth in the south channel, over a width of 1200 feet, is 30 1/2 feet, with a narrow channel there 32 feet deep.

Extensive changes noted on the bar, a of which are favorable, are thought to be caused by the building of the north jetty in connection with dredging. There has been a slight opening and widening of the south channel and from the end of the south jetty around to the point and for a considerable distance north of the lighted range the bar is narrowed and deepened, due to the north jetty.

Close to the place where the Chinook dredged the changes on the bar are no doubt largely due to the work done by the Chinook. The 28-foot channel found to the north of the dredged area also existed at the time of the December survey. It would appear to be the channel dredged by the Chinook between July and September, 1914, and found crowded to the northward.

That a depth of 40 feet in the main channel will be realized soon after the completion of the north jetty is the general opinion. Meanwhile the aim is to have the Chinook dredge where it is believed the most benefit will accrue for immediate requirements of commerce, until the completion of jetty work produces its maximum efficiency.

SOMERVILLE IS IMPROVING MANY OF ITS STREETS

Many new streets are to be laid out and numerous existing streets are to be repaired, widened or extended in the city of Somerville during the present financial year. Work is being pushed vigorously now, and a large force of men is to be kept employed throughout the year carrying out the various contracts, officials say.

Ward 7, which takes in the major portion of the western section of the city gives an illustration as to the work being done. New streets to be constructed this year include Teale avenue, from Packard avenue to Curtis street; Pearson road, from Warner street to Dearborn road; Belknap street, from Broadway to Hamilton road, and Simpson avenue, from Holland street to Broadway. The work on Belknap street has already started.

Accepted streets to be constructed later are: Bristol road, from Broadway to the Medford line, and Walker street, from Broadway to Leonard street. The public works department has under consideration petitions for the acceptance of Barton and West Adams streets, Whitfield and Chetwynd roads, Leonard street and Cushing avenue.

Ware street and Ware Street extension providing for a public highway from Curtis street to Russell road, making a thoroughfare connecting Broadway and Powder House boulevard, has already been accepted by the aldermen and will be constructed after some of the more important work has been taken care of.

Orders were presented in last evening's meeting of the board of aldermen, which provide for the completion of Wilfow avenue from Morrison avenue to Broadway, \$9000; reconstruction of the southerly side of Broadway, from Powder House square to Teale square, \$7300; reconstruction of Frances avenue, from College to Liberty avenues, and reconstruction of Kidder avenue. Petitions were also introduced asking for granolithic sidewalks in many localities. These matters were all referred to committees.

SUFFRAGISTS TO MEET

Replies to recent anti-suffrage speeches made in Charlestown will be made to-night at a rally under the direction of the Charlestown Equal Suffrage League in the wardrobe at the corner of Lexington and Bunker Hill streets. The speakers will include Miss Margaret Foley and Edward F. McGrady.

LITTLE DELAY ON B. & M. MEASURE IS ANTICIPATED

Refusal of Senate to Concur on House Amendment and Sending Question to Conference Is Expected to Facilitate Passage

Assurances are given by leaders of the Massachusetts Legislature that the reference of the Boston & Maine reorganization bill to a committee on conference of the two branches is not a hostile move. This was done following the refusal of the Senate yesterday to concur with the House in its amendments to the bill.

"Good and bad amendments have been made by the House," said Senator Hobbs, Senate chairman of the committee on railroads. "Our sole purpose in getting the committee on conference is to settle the status of the amendments and enable the two branches to agree on a plan of reorganization which can be sent to the Governor for his signature. I feel certain that a reorganization bill will soon be enacted."

House Members Named

The House members of the committee on conference have been appointed by Speaker Cox as follows: Representatives Jewett of Lowell, Bothfield of Newton and McMorro of Boston.

The Senate members are expected to be chosen today by President Coolidge. This committee on conference will endeavor to reach a compromise on the House amendments to which all can agree and then report to both branches, recommending that this compromise arrangement be accepted. Concessions will probably be made by both branches in the end. One objection of the Senate is that some of the House amendments relating to supervision by the public service commission of the reorganization plan unworkable.

When the Senate took up the calendar yesterday, Senator Wells asked for suspension of the rules that action might be taken on the Boston & Maine bill immediately.

Senator Sullivan wanted delay that the amendments might be considered. Senator Wells explained that the best solution was to have the Senate at once refuse to concur and send the matter back to the House, with a request for a conference.

New Haven Bills Taken Up

When the New Haven bills were taken up, Senator Wells moved to amend the amendment of Senator Ellis, printed in the orders of the day. Mr. Wells sought simply to perfect the Ellis amendment, both having the same purpose—to make the bill for the issue of stocks, bonds and evidences of railroad law recently enacted by the Connecticut Legislature.

Senator McLane of Fall River moved an amendment to the bill relative to the creation and issue of preferred stock by railroad corporations to strike out in section 3, lines 10 and 15, the words "and no class of preferred stock shall be created which is not in a manner approved by the public service commission made subordinate in respect to dividends or to participate in proceeds of liquidation to the preferences of any previously created class of preferred stock."

The effect of this amendment as stated was to allow subsequent issues of preferred stock priority over outstanding issues of preferred stock.

Senator Wells also added a perfecting amendment. Senator McLane asked an amendment of the New Haven validation bill by striking out the word "may" and inserting "shall" so as to make it compulsory on the public service commission to take book values of the New Haven securities to be validated.

Senator Wells, moved perfecting amendments of the validation bill. Action on all of the bills to be amended was postponed to next session, and then Senator Hobbs had the bill on the issue of fractional shares, which was not amended, put over till next session.

MR. BAILEY STAYS AS BANK COUNSEL IN THE RIGGS CASE

WASHINGTON—Former Senator Joseph W. Bailey, of counsel for the Riggs National Bank in its action against treasury officials, remained in the case in the district court today. Early in the session there was a statement by Justice McCoy that if the former senator repeated a remark which the court felt was discourteous, the bench would ask that some other counsel argue the bank's case.

Mr. Bailey said he would argue the case "because I owe to my clients a duty even higher than I owe to myself." There was a repudiation from the bench of an article in certain newspapers asserting that Justice McCoy had ruled late yesterday that it was beyond the comptroller of the currency's province to assess fines against a bank for failure to make special reports. The court declared it merely asked a question on this point.

NEW PATROLMEN NAMED

Four new patrolmen were sworn in this morning, notice of their appointment from the reserve force having been issued by Commissioner O'Meara last night. They are Hugh McKendry of the Brighton station, William P. Foley of the Joy-street station, Christopher A. Clayton of the Lagrange-street station and James P. Carr of the Charlestown station.

ITINERARY OF PAN AMERICANS IS ARRANGED

Special to The Christian Science Monitor from Washington, Bureau

WASHINGTON—The government has announced the itinerary of the delegates from Latin-America to the Pan-American financial conference, on the tour they will make of the East and the central West at the conclusion of the meeting in this city.

The conference, called for the purpose of strengthening the financial and trade relations between the United States and the republics of Central and South America, will open on Monday, May 24, at the Pan-American Union's building, in Washington, and close on Saturday night following, May 29. The tour will begin on the following Monday, May 31, and will include Annapolis, Baltimore, Philadelphia, Pittsburgh, St. Louis, Chicago, Detroit, Niagara Falls, Buffalo, the General Electric Works at Schenectady, N. Y., Boston and New York. It will end in the last named city on June 15.

The official program for the conference in Washington will be announced by Secretary McAdoo of the treasury department in a few days.

The following is the itinerary: Monday, May 31, via W. B. & A. Electric Railroad—Leave Washington, D. C., 9:05 a. m.; arrive at Annapolis, Md., 10:35 a. m.; luncheon at Annapolis. Leave Annapolis, Md., at 12 noon; arrive at Baltimore, Md., at 1 p. m.; dinner at Baltimore.

Tuesday, June 1, via Pennsylvania Railroad—Leave Baltimore, Md., at 1:30 a. m.; arrive at Philadelphia, (Broad Street station) at 4 a. m.

Wednesday, June 2—Leave Philadelphia, Pa., at 1 p. m.; arrive at Pittsburgh, Pa., at 10 p. m.

Friday, June 4, via Pennsylvania Lines—Leave Pittsburgh, Pa., at 1 p. m. Saturday, June 5—Arrive at St. Louis, Mo., 9 a. m.

Sunday, June 6, via Wabash Railroad—Leave St. Louis, Mo., at 3 p. m.; arrive at Chicago, Ill., 10 p. m.

Tuesday, June 8, via Michigan Central Railroad—Leave Chicago, Ill., at 11 p. m. Wednesday, June 9—Arrive at Detroit, Mich., at 8:30 a. m.; leave Detroit, Mich., at 11 p. m.

Thursday, June 10—Arrive at Niagara Falls, N. Y., at 8 a. m.; via New York Central lines, leave Niagara Falls, N. Y., at 4 p. m.; arrive Buffalo, N. Y., at 5 p. m.

Friday, June 11—Leave Buffalo, N. Y., at 12:30 midnight; arrive at Schenectady, N. Y. (to see General Electric Works) at 8 a. m. Leave Schenectady, N. Y., at 12:30 noon; arrive at Boston, Mass. (South station) at 6:10 p. m. Sunday, June 13, via N. Y. N. H. & H. R. R.—Leave Boston, Mass. (South station) at 3 p. m.; arrive at New York Grand Central station, at 9 p. m.

The delegates will remain in New York Monday and Tuesday, June 14 and 15.

Andrew J. Peters of Boston, assistant secretary of the treasury, is in charge of the Pan-American financial conference which meets here next week. Mr. Peters has supervised the preparation of the program, the invitation of the delegates and their reception here, and personally will devote practically his entire attention to the direction of the sessions beginning May 24.

CHILD OUT OF SCHOOL CALLED CITY'S CONCERN

Expert Making Somerville Playground Survey Says Duty Does Not Stop With Schools

In speaking of the "Outdoor Education of the Child," Rowland Haynes, field secretary of the Playground and Recreation Association of America, who is making a survey of conditions in the city of Somerville, says, "The city should take as much interest in the education of the youth while he is out of school as it does while he is in school."

"If any one should ask to be shown the educational system of Somerville we should take him to the school buildings. We should show him the well located high school building and the various grammar school buildings. If he were interested in studying the educational system we should have him meet the teachers and observe their methods in the classroom. He would wish to know the lessons the children were learning in different grades."

"But the education of children is not confined to the hours they spend in school. It goes on from the time a child wakes up in the morning until he drops to sleep at night. It consists in the development of character and will."

"There is then in Somerville an invisible educational system alongside of the visible educational system of the schools. The invisible educational system was facilities, teachers, and lessons. Much of it is fortunately carried on at home, but much of it is away from home and away from the school. The facilities of this away-from-home, away-from-school education are the streets, and vacant lots. A study of 1676 children in Somerville outdoors after school has shown three out of every five of them on the streets."

"The teachers of this invisible educational system are largely the children themselves. Sometimes they are good teachers and sometimes the reverse. Here the children learn, if they learn at all, initiative, ability to meet new situations in new ways, team work, the ability to work with others, and similar fundamental lessons."

"Every child coming from the Somerville schools means an average investment of \$200, the amount paid by the city upon his education. In the case of those who spend six or seven years

or more in the schools this investment is much larger. It is plain business economy, therefore, for the city to take steps, as a big commercial firm would do, to prevent needless depreciation of boys and girls in whom it has invested so much."

"That depreciation can be stopped by providing for the wholesome use of spare time. Wherever this wholesome recreation can be provided by the home, church or private organizations, so much the better. Where it is not so provided it is good economy for the city to prevent depreciation by providing it through the wider use of the school and park properties."

The city of Somerville has appropriated this year for playground and recreation purposes \$1700. This was a cut of \$800 from the figure recommended by Mayor Z. E. Cliff.

NEW START ON MYSTIC RIVER DEVELOPMENT

Plans Drawn and Bids Received for Large Coal Wharf, With Steamship Terminal and Sugar Refinery in Prospect

Further development of the Mystic river waterfront, long projected by residents and business interests along that valley, is about to be realized, and a large improvement scheme, involving upwards of \$3,000,000 has already been launched. This plan includes the construction of a modern coal wharf and pocket at a minimum cost of \$500,000, a big steamship terminal for liners running to the Pacific coast, that will represent nearly \$2,000,000, the probable construction of a sugar refinery that will represent at least \$1,000,000, and the eventual development of a lumber yard now operated by the Wyman Allen Lumber Company.

Actual start on plans is already announced by the Darrow Mann Company of 40 Central street. A staff of engineers are now working in that office on final details, and bids for the construction of a large coal wharf and pocket are under consideration. The contract is expected to be awarded soon, when actual work will commence and be pushed rapidly ahead.

Plans of H. H. Wiggins, who was largely responsible for the building of the big Terminal Wharf and Railroad Warehouse Company's terminal, Mystic river, some years ago, and William M. W. Spring of 50 Congress street, for the building of the Boston-Pacific Terminal Company on the site of what was formerly known as Waterman's wharf, are now nearing completion, and action is expected soon on construction work for that concern.

Development of this property, between the present Terminal wharf and Waterman's wharf, brings developed property right up to Dewey beach, and is a move toward improvement that parties have agitated for years. Close connection with the Boston & Maine railroad provides direct transportation facilities to all parts of New England and points far west.

H. P. Cannon, president of the Darrow Mann Company, said that the coal property would be the only one of its kind in New England, consisting of modern electrically operated machinery for handling coal.

The wharf of the old John B. Bugbee property has been purchased with adjoining land. It is to be filled in solid and built out to the harbor line. Total capacity of the plant is to be 100,000 tons coal. An 8000 or 10,000 ton steamer could be discharged here in one working day of 10 hours, it is planned.

The pocket will be near the end of the wharf, with a 10,000 ton capacity, while storage room for 60,000 tons will be provided nearer the land end of the wharf. A system of three bridges operated on tracks on the roof of the plant provides means of rapidly unloading and storing the coal at any desired point on the property by huge derrick scoops. Three tracks are planned down the pier, with capacity of 20 cars on each track.

It is planned to handle daily 150 cars of 30 ton capacity each. The new property will consist of 262,000 square feet. The concern operates the tug Paoli and eight barges from Sewall's Point to New England ports.

H. H. Wiggins and W. M. W. Spring plan to provide a terminal with weekly sailings to the Pacific, operating a fleet of eight steamers. The terminal will be built on each side of the Waterman pier, and eventually include that pier also, it is understood. The Waterman pier is owned by the Mystic Wharf & Cold Storage Company, of which William Rotch is president. That concern was formed about 17 years ago. It will fill in the present pier, making the pier straight. Permission for these changes has been granted to the various concerns by the directors of the port.

Plans of the Boston-Pacific Terminal Company call for acquiring three wharves, the Boston Blacking Company wharf, Tucker wharf, and Ginn wharf, containing about 520,000 square feet. The Emery Steamship Company, which is expected eventually to resume its Boston-Pacific service, will probably use the new terminal.

Recently the Revere Sugar refinery purchased the old Richards wharf property, now used as a lumber yard, for coal sheds, and tenement houses. This property is next to the established Terminal wharf and railroad warehouse terminal. About 10 acres are represented in this purchase, and a refinery is expected to be built there within a short time, although no definite plans are announced.

One of the indirect results of this development is expected to be immediate

attention to the Mystic river channel. The government is expected to deepen the channel, eventually leading to detailed development of all the Mystic valley channels, making navigation of large vessels possible right up to Medford. Officials of the Boston & Maine railroad not only favor the plan but anticipate that it will bring in a net income of \$750,000 per year of new business, according to Mr. Spring.

BOSTON BUREAU OF CONVENTIONS IS ADVOCATED

Chamber of Commerce Committee Meeting on Larger Use of City as National Gathering Place Urges Big Hall

Formation of a permanent convention bureau and erection of a large public auditorium building capable of taking care of 40,000 persons in its several halls were features of the recommendations made at the meeting of the Boston Chamber of Commerce committee on conventions this afternoon at the Copley Plaza. Upwards of 70 persons representative of the leading interests of the city participated.

Mayor Curley, who attended the luncheon, announced that he has asked G. Henri Desmond, a Boston architect, to submit a draft of plans for a large convention hall and botanical building combined, suitable for erection in the Back Bay Fens. The mayor proposes that the building have a seating capacity for 8000 persons at least, to provide for the large conventions which might be attracted here if proper accommodations are provided.

As a part of the plans of the mayor for booming Boston as a convention city he announces that he already has a man at work making motion picture films to illustrate historical and industrial Boston as it is today.

He said a lecture will be written to accompany the film which will be sent to all the larger conventions to be held this summer in the United States. The mayor said that he is paying part of the expenses of the film and that the Hotel Men's Association also is assisting. The mayor announces he will work closely with the Boston Chamber of Commerce in its efforts to make Boston a big convention city.

That a practical disposition of the \$500,000 fund of the Boston industrial development board would be in undertaking to make Boston widely known as a surpassing convention city was proposed in a statement read at the luncheon from John J. Martin, president of the Massachusetts Real Estate Exchange. Mr. Martin's statement said:

"Other progressive cities throughout the United States are doing exactly this sort of thing through bureaus or departments of the various city governments. It seems to me that the Boston industrial development board, supported by the Chamber of Commerce, the Massachusetts Real Estate Exchange and all enterprising organizations, might well undertake this work, and if such a plan were to have the approval of this body, there would seem to be no question of the efficacy of the plan."

"The Massachusetts Real Estate Exchange, through the board of directors, has placed itself upon record in support of any effort which shall tend to proclaim the unquestionable merits of Boston as a great convention city."

Elmer J. Bliss, president of the Boston chamber, declares that "Boston and New England are not getting anything like a reasonable share of the enormous amount of money spent by the people of this country each year who attend conventions. St. Louis, for example, by a little effort and enthusiasm brings between \$3,000,000 and \$4,000,000 to that city every year, while Boston, with infinitely greater natural advantages, received from the same source last year less than \$500,000. What wonderful possibilities a little convention work offers to this city, when you take into consideration our natural resources, attractions, accommodations, etc!"

One speaker said that Boston should be willing to pay \$250,000 for the construction of a big convention hall, as there could be no better investment in view of large amounts of money that would be spent here.

General Passenger Agent Barrows of the Boston & Albany railroad said that all the large western cities have vast convention halls, and that they are large factors in bringing gatherings to these cities.

A large advertisement for the city this fall, he said, would be the convention here of the Traveling Passenger Agents of the United States. He said that the railroads are planning to give the visitor carte blanche in the nature of trips all over New England without charge, and added that this would be a chance to send an advertisement of Boston hospitality all over the country.

George B. Gallup, president of the Pilgrim Publicity Association said that the Charles river esplanade would be one of several ideal sites for the big proposed hall because of the accessibility.

JAMES O. LYFORD APPOINTED

CONCORD, N. H.—James O. Lyford of this city, formerly naval officer of the port of Boston, was appointed chairman of the state bank commission by the Governor and council Wednesday.

COUNTY CELEBRATION PROPOSED

LAUREL, Miss.—Plans are being discussed for a big centennial celebration of the settlement of Jones county, to take place in 1920, says the New Orleans Times-Picayune.

UNIVERSITY BILL HAS ITS SECOND HOUSE READING

Springfield Representative Announces Purpose of Urging Supervision by State Board of Education Exclusively

Representative Chamberlain of Springfield gave notice in the Massachusetts House today that when the bill providing for a state system of university extension and correspondence courses is next reached for consideration he will move an amendment to place the supervision of the work in the hands of the state board of education. The bill was given its second reading today without debate.

Mr. Chamberlain's motion, it is expected, will start another contest over the measure. Many members, including the bulk of the Democrats, favor placing the work in the hands of a separate board on the ground that since the state board has not been friendly to the plan proposed in the bill it could not be expected to handle the subject with due impartiality. Governor Walsh has already taken the position that a separate board should administer the work.

On the other hand, many legislators believe that the board of education is better fitted to take charge because of its experience and possession of the wherewithal for the work. They have raised the question why the state should establish a new educational board, even for the undertaking of a new program of education, where there is a state educational board already in existence.

On motion of Representative Sherburne, the House voted to have a session Saturday in order to expedite some details so that prorogation at the end of next week may be possible. Mr. Sherburne stated, however, that no attempt to do any regular business will be made on Saturday, and that the only purpose of the session will be to receive committee reports in order that they may be printed in Monday's calendar.

Mr. Souther of Cohasset moved to reconsider yesterday's defeat, by a tie vote, of the bill appropriating \$30,000 for the reconstruction of a breakwater off Stony beach in Hull, a matter which the House has already debated four times. The motion was defeated, 50 to 57.

Mr. Doherty of Fall River opposed rejection, as recommended by the committee on counties, of the bill providing for an increase in the salary of the justice of the court in Fall River, urging that the volume of business done in the court is much larger than in certain other courts where higher salaries are paid. Mr. Long of Topsfield opposed the bill as doing away with the established system for regulating judges' salaries.

Mr. Harrington of Fall River also favored the bill, as did Mr. Mulvey of Fall River; rejection was negated on a roll-call, 84 to 103.

The resolve providing for submitting to the people the article of amendment of the constitution striking the word "male" from the qualifications of voters was passed to be engrossed.

The bill permitting the town of Weymouth to elect its officers at any meeting other than the first in each year, was amended to make it a general bill, and was then passed to be engrossed.

GOV. WALSH IN VETO SAYS MILK BILL IS UNJUST

(Continued from page one)

to discourage its production in Massachusetts.

"What we need in Massachusetts is not more inspection or penalization," said the Governor, "but laws tending to educate and encourage the dairy industry in order that we may have not only clean milk but an abundance of it at reasonable prices."

"Although from its title the bill appears to be mainly aimed at the distributors of dairy products, a study of its provisions will show that its heaviest penalties are reserved for the producer, who, in addition to the fine and imprisonment to which dealers are made liable, is exposed to the risk of being obliged to choose, on a very few days' notice, between undertaking a possibly heavy expense in order to conform his buildings to an undetermined sanitary standard discretionary with either the state board of health or a local board, or as an alternative accepting his sentence and abandoning his business. Such being the case, it is necessary to consider whether a measure so drastic is really needed for the protection of the public health, and whether on the other hand it might not reasonably be expected to aggravate the very evil which its advocates aim to remove."

"I yield to no one in my anxiety to secure for the children of our state a pure and abundant supply of milk at a reasonable price. This object, however, I am thoroughly convinced cannot be obtained by further penal legislation, but only by encouraging and developing the production of nearby milk through constructive legislation such as I hoped would be worked out and submitted to the Legislature by the special commission for which I asked earlier in the session."

The specific reasons given by the Governor for vetoing the measure were: First: The state board of agriculture and the dairy bureau, the authorized representatives of the agricultural interests, are opposed to its enactment.

Second: The state department of

health has not initiated any legislation on the subject and should be given time and opportunity to study the question before further legislation is adopted.

Third: As the bill carries no appropriation and provides no new facilities for inspection, but merely exposes producers and dealers to new and ill-defined perils, it tends to upset the farmers and milk-producers of the state without adding any protection to the consumer, and can have no other effect in my judgment than to drive many self-respecting dairymen out of business and materially increase the price of milk.

Fourth: It is of the utmost importance from a sanitary standpoint that milk should reach the consumer in as few hours as possible after its production. This bill discourages the production of nearby milk and tends to increase the average age of milk consumed.

Fifth: The bill discriminates against Massachusetts producers, since if convicted a Massachusetts man becomes a criminal while the out-of-state man escapes with the exclusion of his product from the state, a matter already fully provided for in chapter 753 of the acts of 1914.

Sixth: Experts of the highest standing are agreed that dairy inspection alone fails to provide any adequate protection in milk, while laboratory tests of the product itself have proved of great value.

Seventh: The farmers of the commonwealth are as honorable and law-abiding a class of citizens as any other and this legislation is certainly to penalize and humiliate them in a way they have not deserved. The milk produced by the farmers is as clean and wholesome as that produced in any other part of the country and they should not be compelled to submit to inspection and regulation that are unnecessary and that do not take into account the quality of the milk product itself.

Eighth: There is already an ample amount of penal and regulatory law upon this subject. The bureau of animal industry is empowered and directed to see to it that milk cows are stabled under sanitary conditions.

After citing a number of acts already on the statute books relating to milk inspection, Governor Walsh says:

"Local boards of health possess and vigorously exercise ample powers to suppress and punish the sale of contaminated milk within their respective jurisdictions, and to control the conditions under which it is produced."

"I have yet to learn that any local board has failed to do its duty under the present laws."

"By an act of the very last session these powers were still further extended by requiring all persons producing or dealing in milk to procure a license revocable at the discretion of the board, which may require stables to be painted or whitewashed at frequent intervals, the herds to be examined by a veterinarian, and all persons handling the milk to be examined, and the board may revoke the license and prevent the sale anywhere in the commonwealth of milk produced or handled under conditions which are considered unhealthful."

Under this act of 1914 any reasonable regulations for the protection of the public health can be made and enforced.

This stringent and exacting legislation in favor of clean milk ought to be given a fair trial before further penalties and regulations are provided. A farmer, under the act of 1914, when he applies for his license, can be informed and be certain what sanitary conditions he will have to meet. But under the proposed bill, no farmer can ever know at what moment the state board of health or any local board of health of his own town or of any other town may warn him to start extensive alterations within 72 hours, under pain of both injunction and criminal prosecution."

The message is one of the longest veto messages that has been received by the Legislature in many years, covering, as it did, seven and one half closely typewritten pages.

Consideration of the vetoed bill will probably go over to the next session of the Senate tomorrow.

The time for taking action on the measure expired last night, the Governor agreeing to withhold action until he had learned how widespread was the opposition to the measure. Evidence of this was shown yesterday at a gathering of agriculturists and dairymen at Worcester, practically all of whom voiced their opposition to further inspection laws.

The vetoing by Governor Foss in 1911 of a bill on similar lines, though much more drastic, brought him the favor of the agriculturists and dairymen generally and the farmer vote is regarded as having been the deciding factor of Mr. Foss' reelection in the following state campaign. Consequently, the present veto is considered with more than ordinary interest in political circles.

EMINENT DOMAIN MEASURE SIGNED BY THE GOVERNOR

Governor Walsh has signed the bills to authorize a city by vote of its city council approved by the mayor, and towns by vote of the town meeting to acquire and take land for municipal purposes, and whenever the price asked shall exceed the assessed valuation by more than 25 per cent to take such land by right of eminent domain, without coming to the Legislature.

To extend the limits of the Mansfield water supply district.

To regulate the use of cellars and basements in the city of Boston as living rooms and for lodging purposes.

To establish fees to be paid by gas and electric companies for properly recording certificates in the office of the secretary.

To authorize the consolidation of the Northern Massachusetts Street Railway Company and the Connecticut Valley Street Railway Company.

BENEFITS OF BOY SCOUT WORK ARE TOLD BY LEADER

President of Allegheny Association Describes What Movement Has Done for City of Pittsburgh and Its Boys

What the boy scout movement is accomplishing in at least one city is described by Erasmus Wilson of Pittsburgh, president of the Allegheny Boy Scouts Association and a writer of note. Mr. Wilson has been in Boston the last week speaking before the Puddingstone Club and other organizations. He talked with a representative of The Christian Science Monitor at the Boston City Club.

"You can hardly take a walk in Pittsburgh," says Mr. Wilson, "without coming upon some of the good effects of the boy scout movement. Whether you are looking for them or not, you find them."

"One of the most agreeable changes due to the boy scout influence," he said, "is to be noted among the city's bird inhabitants. A few years ago, there were hardly any birds about the city, and boys were largely responsible. Robbing nests and throwing stones had done the job. Now, with 2500 boys in the scout organization and as many more wishing they were in it (some too young to join and some feeling the shortage of scoutmasters), the boy who would throw a stone at a bird would be regarded by his fellows as a kind of outlaw."

"And so you find boys all over the city building bird boxes and bird baths, and doing it with considerable knowledge," said Mr. Wilson. "The boys know, for instance, that they can't attract robins with bird houses, robins won't go into them. But they do like little platforms in the trees and consequently you find some of the boys building them."

The scouts' interest in birds recently caused the state game commissioner, John M. Phillips, to distribute 2000 Russian mulberry trees among them for planting. The Russian mulberry is rare food for birds. Little white berries come out all along the branches, and pretty nearly as soon as a bird pecks one off another appears in its place. The process goes on from May until September. It is fine for cherries and other fruit. Birds are not so likely to bother other fruit when they can get Russian mulberries.

A similar change has taken place, said Mr. Wilson, in the boys' understanding of trees and flowers and stars and other natural phenomena. The average boy knows a surprising number of them by name.

One thing that had attracted Mr. Wilson to the boy scout movement from the start was the fact that there was not a single "don't" in the scout law.

"We have said 'don't' to boys too much," he said. "The scout idea is to encourage them to do."

He illustrated the point with the matter of tying knots. "When a boy first begins training to be a scout," he said, "he is not given a lot of instructions as to what he should not do. He is not given the idea either that there is somebody on ahead whistling to him to come up, or that somebody is behind chasing him. He is asked if he knows how to do certain rather interesting and useful things, and one of these is how to tie knots."

There are about 20 kinds of knots. "How many kinds can you tie?" the boy is asked. Perhaps he can tie two kinds. But another boy in the same group can tie three. The first boy, you see, can not rest then until he knows how to tie three.

The other day Mr. Wilson asked a scout how many he could tie, and he said 14, 10 of them with his eyes shut or with his hands behind him.

"Not the most important thing in the world, perhaps, tying knots," continued Mr. Wilson, "but it gives the boys the idea of doing things for themselves and doing them as well as possible, and the idea appears again and again in all the scouts' activities. This constructive training keeps a boy so busy and interested that he has no time or inclination for mischief, and the great fact presently begins to emerge that a boy would rather do right than wrong."

The Allegheny County Boy Scout Association—Pittsburgh is in Allegheny county—recently conducted a three days' campaign for funds. Nearly \$75,000 was subscribed. It is for a three years' budget, \$25,000 a year. A considerable part of it is to be spent on a summer camp on a lake 40 miles from the city. The camp is to be open six weeks the coming summer, and there will be about 250 boys there

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Camp Fairweather FOR GIRLS

Scobie Lake, Franconia, N. H.

Canoeing, boating, swimming, horseback riding, mountain climbing, good food, pure water, tennis and other outdoor sports. A complete development of character with good recreation. "A Fairweather Booklet." (MISS) MATILDA D. FAIRWEATHER, Box 707, New Haven, Conn.

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Good food, pure water, boating. Main bungalow with broad piazzas overlooking lake, contains dining room and living room with fireplace. Small camps or tents for sleeping. Rates reasonable. Write for booklet. MISS FOX, 4048 Chestnut St., Phila., Pa.

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Situated on the shore of Big Indian Pond, St. Albans, Maine. A well planned camp for a wholesome summer in the woods. Tutoring in English, Latin, French, German, Italian, Spanish, etc. 15th season. For booklet apply to MR. AND MRS. BEN D. WEEKS, 48 Summer St., Hyde Park, Mass. Tel. Hyde Park 119.

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Located on Adjoining Properties in the Most Beautiful Part of the White Mountains

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Athletics, tutoring, manual training; swimming, boating, mountain climbing, riding, driving, canoeing, fishing and swimming, horseback riding, archery, sports. Bathing, dancing, handcrafts. Corrective gymnastics. Experienced Sea Pines Teachers; tutoring in any branch of study. Excellent advantages for art courses. Best of wholesome and exhilarating outdoor life. Conditions and accommodations most congenial. \$100 for 6 weeks. Special arrangements for longer season. See advertisement for Sea Pines Home School for Girls in this issue. Address Miss FAIRBANKS, RICKFORD, Cape Cod, Mass., Box 7.

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A Recreation Camp for 40 Girls on LAKE MICHIGAMME.

In the Wooded Hills of Upper Michigan. Canoeing, fishing, tennis, basketball, handcrafts, music, drawing, etc. Congenial company, lovely surroundings. Best of references.

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FOR GIRLS

A Recreation Camp for 40 Girls on LAKE MICHIGAMME.

In the Wooded Hills of Upper Michigan. Canoeing, fishing, tennis, basketball, handcrafts, music, drawing, etc. Congenial company, lovely surroundings. Best of references.

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For Girls Fairlee, Vt.

In pine grove, overlooking Lake Morey. Canoeing, motor-boating, sailing and swimming under safe restrictions. Hiking, mountain climbing, basketball, tennis, golf, archery and horseback riding. Music, drawing, handicraft, nature study. Pure water and farm food.

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Camp for Young Girls

Elevation 250 ft. from the beach of one of the most beautiful lakes in the State, excellent bathing and canoeing. Fine assembly hall with large open fireplace, balcony and broad piazzas; large dining room with up-to-date equipment; round court. The tents are the best made, and are absolutely waterproof. (See times number) Round boards, well raised from the ground, neatly furnished.

Competent women counselors provided for groups of girls. The camp will be under the personal supervision of Mr. and Mrs. H. J. Sanborn of Denmark, Me., people well known in Maine educational circles. Reasonable terms per week or season of 4 weeks. Best of references given and required.

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Located in the "Heart of the Green Mountains." Large rustic bungalow with fireplace, pool table, piano, etc. Sleeping bungalows, private pond, athletic field, clay tennis courts. Free use of saddle horses. Riding master. Corps of directresses. Bathing, canoeing, fishing, etc. Extra. Illustrated booklet. Mr. and Mrs. C. A. Boys, 10 Bowdoin St., Cambridge, Mass.

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2000 feet above sea, in pine laden air of Pocon Mountain. Midway between New York and Philadelphia. Bungalows and tents on sunny hillside. Bathing, canoeing, fishing, etc. Extra. Illustrated booklet. Mr. and Mrs. C. A. Boys, 10 Bowdoin St., Cambridge, Mass.

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Separate dormitories for girls and boys. Send for catalog.

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Under the Auspices of Blue Dome Frat

Located in Tully Valley of Shady, Catskill Mountains

Six miles from a railway. Open June 1st for complete course. Tenting and sleeping. \$50.00 per week. Resident guests \$75.00 to \$120.00. Motor parties can be served and special meals may be arranged. Book by telephone. Manager, ALBERT WHITTINGTON.

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Vacancies for few girls of 14.

Lower school pupils from 8 to 12 years.

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Normal and Professional Courses in Dramatic Art. Private Instruction or Class Work.

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A country school. One hour from New York. Certificates to Vassar and the New England College.

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Will Celebrate Saturday Its Most
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wherein will be offered the most remarkable value in
fresh, new merchandise it has ever been our pleasure
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WE BID YOU COME
SATURDAY, MAY 22ND

Cordaline Sport Coats

Silk lined throughout, in the summer pastel shades—tan, pink,
light blue, white, green, rose and yellow. A belted model with patch
pockets and collar that buttons well to the neck, or opens up. A
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ALWAYS RELIABLE

HAYNES & COMPANY

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Haynes Blue Serge Suits

Smart fitting, trim rich garments, cool and dressy.
The ideal suit for Spring and Summer.
All models from the extreme to conservative.

\$11.45, \$13.25, \$15, \$17.50 to \$28

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Clothing, Hats and Furnishings for Men, Boys and Children

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A genuine "WEAR-EVER" Aluminum
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Special until May 25th, 15 cents.
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Union 4300
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Employees share profits.

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Give the highest satisfaction.
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FINE SHOES AND HOSIERY
For Men and Women
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World's Latest News of Industries and Commerce

STOCK MARKET TONE STRONG; TRADING LIGHT

Some of So-Called War Order Issues Have Large Gains and General Trend Upward— Zincs Local Feature

Activity in the stock market or much of a movement of prices is not expected during the time so many important issues are pending an outcome, especially as regards this country's relations with Germany. Anything more than a mere marking time is almost out of the question. The volume of trading on the New York stock exchange has fallen off tremendously and the drop from 1,000,000 shares daily to a volume such as prevailed immediately after the exchange reopened has been a rather abrupt change. Several market factors seem to be in the molding, principally as a result of the war.

There were gains and losses at the opening of the New York stock market this morning, but taken as a unit the undertone of the list was strong, although business was light. The so-called war stocks had good advances in some cases, including Baldwin Locomotive and Bethlehem Steel. Westinghouse opened down nearly a point and then recovered a fraction. Chesapeake and some of the other railroad issues and Steel common were rather heavy. Butte & Superior was strong on account of the large amount of money the company is said to be making as a result of spelter sales at record prices.

The Boston market in the early dull trading was almost monopolized by the transactions in American Zinc and Butte & Superior. Zinc jumped up two points at first, and rose half a point further before it reacted a point or so. Butte & Superior gained a point over its previous closing figure, and then added one half a point more to its price. The coppers were overshadowed by the interest in the large zinc producers' stocks, and were about steady.

At the end of the first half hour the New York market moved upward. Butte & Superior reached 70 in Boston, and the rest of the list became stronger.

Trading increased somewhat on the rise. By midday nearly everything traded in showed a good net gain. In New York Baldwin Locomotive opened up 1/4 at 45 and rose 2 1/2 further. American Locomotive was unchanged at the opening at 43 and advanced to 45 1/2. Bethlehem Steel opened up 3 points at 133 and advanced 3 points further during the first half of the session. Westinghouse Electric was off 1/4 at the opening at 87 1/2 and crossed 90 before midday. U. S. Steel opened down 1/4 at 52 and after receding further advanced well above 53.

A weak feature was Chesapeake & Ohio in anticipation of the passing of the dividend. It opened off 1/4 at 40 1/2 and declined more than a point further. Reading was off 1/4 at the opening at 142 and advanced more than a point. Union Pacific opened down 1/4 at 123 1/2 and advanced more than a point. Rock Island opened off 1/4 at 22 and dropped to 19.

Butte & Superior and American Zinc continued to attract most attention on the local exchange. The former was up a point at the opening at 60 and advancing to 70 1/2 yielded about a point. American Zinc was up 2 points at the opening at 46 1/2. It advanced to 47 1/2 and then receded nearly a point before midday. Mohawk and North Butte had good advances.

Prices changed very little in the early afternoon, and trading was dull. Many stocks clung near their earlier highest level, but others eased off slightly. There was no special feature.

SHEET PRICES ADVANCED

PITTSBURGH—American Sheet & Tin Plate Company advanced price of No. 28 galvanized sheets to \$3.60 for spot delivery. Price of spelter is expected here to make a further advance.

WEATHER

BOSTON AND VICINITY PREDICTIONS BY THE UNITED STATES WEATHER BUREAU: Fair tonight, Friday showers, increasing easterly winds.

WASHINGTON—The United States weather bureau predicts weather as follows for New England: Increasing cloudiness tonight, Friday rain, moderate north to northeast winds.

Pressure is normal to high on the Atlantic slope, in the northern lake regions and the Canadian districts. It is generally low elsewhere, lowest in western Texas. The weather is generally clear in the Northeast and the Canadian Northwest, and unsettled with numerous scattered rains in remaining sections. The temperatures are somewhat higher about in all sections and above freezing at nearly all stations, lowest being 32 at Rapid City, S. D., and Calgary, B. N. W.

TEMPERATURE TODAY

S. a. m. 53; 10 a. m. 61; 12 noon 64.

IN OTHER CITIES

(S. a. m. today)
Albany 52; New Orleans 74; Buffalo 46; New York 58; Chicago 50; Philadelphia 58; Denver 30; Pittsburgh 52; Des Moines 48; Portland, Me. 52; Jacksonville 70; San Francisco 52; Kansas City 50; St. Louis 52; Nantucket 58; Washington 54.

ALMANAC FOR TODAY

Sun. rise 5:18; high water 3:35 a. m.; 3:51 p. m. Length of day 14:40; moon sets 11:00 a. m. Morning LIGHT AUTO LAMPS AT 7:34 P. M.

NEW YORK STOCKS

NEW YORK—Following are the transactions on the New York Stock Exchange, giving the opening, high, low and last sales to 2:00 p. m. today:

	Open	High	Low	Last Sale
Alaska Gold	33 3/4	35	33 3/4	34 1/2
Al-Chal Mf Cop	47	47	47	47
Am Ag Chem	51	51	51	51
Amalgamated	65	66 1/2	65	65 1/2
Am Beet Sugar	43 1/4	45	43 1/4	44 1/4
Am B S & Fy	100	100	100	100
Am Can	32 1/2	33 1/2	32 1/2	33 1/2
Am Can pf	96	96	95 1/2	95 1/2
Am Car Fy	52	52	51 1/4	51 1/4
Am Cotton Oil	45	45	45	45
Am Ice Sec Co	30	30 1/2	30	30 1/2
Am Lined Oil	10	10	10	10
Am Loco	43	45 1/4	43	45 1/4
Am Smelting	65 1/2	65 1/2	65 1/2	65 1/2
Am Smelting pf	103	103	103	103
Am Sugar	106 1/2	107	105	106
Am Tel & Tel	119	119	119	119
Am Woolen pf	84	84	84	84
Anaconda	31 1/2	31 1/2	31 1/2	31 1/2
Atchafalaya	99	99 1/2	99	99
Atchafalaya pf	98 1/2	99 1/2	98 1/2	99 1/2
At Coast Line	104 1/2	105	104 1/2	105
Bald Loco	45	47 1/2	45	46 1/2
Balt & Ohio	72	72 1/2	72	72 1/2
Beth Steel	136	139	136	138
B F Goodrich	43	43 1/2	43	43 1/2
B F Goodrich pf	101	101 1/2	101	101 1/2
Brook Union	122 1/2	123 1/2	122 1/2	123 1/2
Brooklyn R T	87	87 1/2	86 1/2	86 1/2
Butte & Superior	70	70 1/2	68 1/2	68 1/2
Cal Petroleum pf	37	37	37	37
Can Pacific	157 1/2	158 1/2	157 1/2	158 1/2
Cent Leather	36	36 1/2	35 1/2	35 1/2
Ches & Ohio	40 1/2	40 1/2	39	39
C M & St Paul	88 1/2	89 1/2	88 1/2	89 1/2
Chi R I & Pac	22	22	19	19 1/2
Chino Copper	42	43 1/2	42	43 1/2
Col Fuel	25 1/2	26 1/2	25 1/2	26 1/2
Col South Ist pf	51	51	51	51
Con Can pf	95 1/2	95 1/2	95 1/2	95 1/2
Con Gas	123	123 1/2	123	123 1/2
Corn Products	13 1/2	13 1/2	13 1/2	13 1/2
Corn Prod pf	76 1/2	76 1/2	76 1/2	76 1/2
Cub-Am Sug	61	62 1/2	60 1/2	62 1/2
Cub-Am Sug pf	98 1/2	98 1/2	98 1/2	98 1/2
Cruible Steel	22 1/2	22 1/2	22 1/2	22 1/2
Erie	25	25 1/2	25	25 1/2
Erie Ist pf	40	40	39 1/2	39 1/2
Gen Electric	150	151	150	151
Gen Motor	135 1/2	136	135	135
Gl Nor Ore	32	32	32	32
Gl Nor pf	117 1/2	117 1/2	117 1/2	117 1/2
Gug Ex Co	56 1/2	57 1/2	56 1/2	57 1/2
Inspiration	28 1/2	29 1/2	28 1/2	29 1/2
Inter-Met	20 1/2	20 1/2	20 1/2	20 1/2
Kan City So	26 1/2	26 1/2	26 1/2	26 1/2
Lack Steel	40	41 1/2	40	41 1/2
Lehigh Valley	140 1/4	140 1/4	140 1/4	140 1/4
Louis & Nash	115 1/2	115 1/2	115 1/2	115 1/2
Maxwell Motor	39 1/2	39 1/2	39	39
Max Motor Ist pf	81 1/4	81 1/4	81 1/4	81 1/4
Max Motor 2d pf	32 1/2	33	32 1/2	33
Metrol	67	69	67	68
Miami	23 1/2	24 1/2	23 1/2	24
Mo Kan & Tex	12 1/2	12 1/2	12 1/2	12 1/2
Mo Kan & Tex pf	30	30	30	30
Mo Power Co	48 1/2	48 1/2	48 1/2	48 1/2
Mo Pacific	10 1/2	11 1/2	10 1/2	11 1/2
Nat Lead	58	59	58	58 1/2
N Y Air Brake	85 1/2	85 1/2	85 1/2	85 1/2
N Y C H & H	85	85	85	85
No Am	75	75 1/2	74 1/2	74 1/2
No Pac	104 1/2	105	104 1/2	105
O & W	27 1/2	28	27 1/2	27 1/2
Pac Mail	21	21	21	21
Penn	106 1/2	107	106 1/2	107
Pitts Coal	21 1/2	21 1/2	21	21
Pitts Coal pf	89	89	89	89
Press St Car	44	44 1/2	44	44 1/2
Pullman Co	153	153	153	153
Ray Con	22 1/2	23	22 1/2	23
Reading	142	14 1/4	142	142 1/2
Rdg 2d pf	84	84	84	84
Rep I & S	26 1/2	26 1/2	26 1/2	26 1/2
Rock Island pf	24	24	24	24
Rumely	5 1/2	5 1/2	5 1/2	5 1/2
Rumely pf	13 1/2	13 1/2	13 1/2	13 1/2
Ry Steel	29	29	29	29
Seab Air Line	13 1/2	13 1/2	13 1/2	13 1/2
Sears-Roebuck	134	134	134	134
Sloss Sheffield	29 1/2	29 1/2	29 1/2	29 1/2
So Pacific	86 1/2	87 1/2	86 1/2	87 1/2
So Railway	15 1/2	15 1/2	15 1/2	15 1/2
St L & S F	4 1/2	4 1/2	4 1/2	4 1/2
Studebaker	63 1/2	64 1/2	63 1/2	64
Tenn Cop	32 1/2	33 1/2	32 1/2	33 1/2
Union Pacific	123 1/2	125	123 1/2	124 1/2
Union Pac pf	80 1/2	81	80 1/2	80 1/2
U Dry G pf	60	60	59	59
U Rys Inv	16 1/2	17 1/2	16 1/2	17 1/2
U Rys Inv pf	32	32	32	32
U S Rubber	61 1/2	61 1/2	61	61
U S Steel	52	53 1/2	51 1/2	53
U S Steel pf	105	105	105	105
Utah Cop	63 1/2	64 1/2	63 1/2	64 1/2
Va-Car Chem	23	23	23	23
Wabash	1 1/2	1 1/2	1 1/2	1 1/2
Wabash pf	7 1/2	7 1/2	7 1/2	7 1/2
West Union	65	66	66	66 1/2
Westinghouse	87 1/2	87 1/2	87 1/2	87 1/2
W & L E	2	2	2	2

*Ex-dividend.

GOVERNMENTAL CHANGE FACTOR IN LONDON LIST

Some Irregularity in Market—
Gilt-Edged Shares in Fair De-
mand, But Home Rails Easier
—Americans Mark Time

Special Cable to The Christian Science Monitor
from the European Bureau

LONDON—Stock markets idle and un-
changed.

(By Boston Financial News)

LONDON—Governmental changes
were a factor in the stock market here
today.

Gilt-edged issues were steady with a
fair demand from investors. A fresh
unsettlement among the workers was
responsible for an easier tone in home
railways and the group was dull.

The feeling in Americans was reserved
and trading was narrow with price
changes fractional. Canadians were idle.

A firm tone prevailed in Argentine
rails due to good earnings. Foreigners
were neglected.

Russians dropped on unfavorable war
news. There was realizing in oil shares.
Miners were inactive. The tone of rubber
shares was hard.

LONDON MARKET—CLOSE

Advances

Consols, money 60 1/2

Amalgamated 89 1/2

Atchison 99 1/2

Canadian Pacific 115 1/2

Chesapeake & Ohio 40 1/2

Chicago Great Western 11 1/2

Baltimore & Ohio 71 1/2

St. Paul 88 1/2

Denver & Rio Grande 7 1/2

Erie 25 1/2

do 1st pref 39 1/2

Illinois Central 107 1/2

Louisville & Nashville 11 1/2

Kansas & Texas 11 1/2

New York Central 81 1/2

Norfolk & Western 27 1/2

Ontario & Western 27 1/2

Pennsylvania 106 1/2

Reading 142 1/2

Southern Railway 16 1/2

Union Pacific 123 1/2

Southern Pacific 12 1/2

United States Steel 52 1/2

*Decline.

NAVAL STORES

NEW YORK—The tone in the local
naval stores market was again slightly
easier yesterday when the spirits were
offered at a further concession of 1/2
per gallon making the revised quotations
42 1/2 per gallon dock, and 43c per
gallon ex-yard. A slight improvement
was noted in demand in some quarters,
though business in the aggregate was
light. The paint trades are still buying
from hand to mouth, says the New
York Commercial.

Rosins—The market for rosins held
comparatively steady yesterday. The
lowering of values has stimulated de-
mand to an extent. Some dealers ex-
pect an improvement in prices before
any further declines set in.

These quotations are for graded rosins
per barrel ex-yard New York: Graded
B \$3.40, D \$3.50, E \$3.60, F \$3.65, G \$3.75,
H \$3.85, I \$3.90, K \$3.95, M \$4.00, N
\$4.10, W \$6.00, V \$6.10.

Tar and Pitch—The demand for these
products is light, as consumers are only
buying for immediate wants. Kiln-
burned and retort grades are being held
on the basis of \$5.50 per barrel and
finest grades of pine pitch at \$3.25 to \$3.50
per barrel. North Carolina grades of
pitch are offering at \$3.50 to \$3.75 per
barrel.

SAVANNAH—Wednesday's market:
Spirits firm, 39 1/2 c; sales, 694; receipts,
739; shipments, 1154; stock, 22,467.
Rosins quiet; sales, 323; receipts, 1563;
shipments, 1510; stock, 63,334. Prices:
VW \$5.50, WG \$5.35, M \$4, N \$4.90, K
\$3.25, I \$3.15, H \$3.10, P \$3, E \$2.90, D
\$2.85, B \$2.70.

CLEARING HOUSE

New York funds sold at the clearing
house today at par.

Exchanges and balances for today
compare with the totals for the corre-
sponding period in previous year as fol-
lows:

Thursday: 1915 1914

Exchanges \$23,842,427 \$23,518,143

Balances 1,035,088 1,094,304

United States sub-treasury shows a
credit balance at the clearing house of
\$104,194.

MAHONING COAL RAILROAD CO.

NEW YORK—The Mahoning Coal
Railroad Company reports for year ended
Dec. 31:

Total income \$1,033,292

Deductions 1,011,045

Surplus \$22,247

Profit and loss surplus 3,566,928

EXCHANGE IN PARIS

PARIS—Sterling and cable New York
reached a new record Wednesday, soar-
ing to 25.715 and 5.375, respectively. The
rise was due to persistent demands to
cover purchases of war material. The
bourse was featureless.

UNITED STATES PAYS INDIANS

LAWTON, Okla.—The Caddo Indians
recently received their annual payment
at Anadarko. Each man, woman and
child received \$94.50. This ended a pay-
ment of \$250,000 to the southwestern
Oklahoma tribes, says the Dallas News.

ATLANTIC CITY BONDS

ATLANTIC CITY—No bids were re-
ceived for the \$603,000 Atlantic City 4 1/2
per cent bonds, offered for sale Wednes-
day.

NEW YORK METAL MARKET

NEW YORK—Metal exchange quotations:
Lead, 4 1/2 c; 4 1/2 c; tin, five-
ton lots, 37 c.

BOSTON STOCKS

BOSTON—The following are the trans-
actions of the Boston stock exchange,
giving the opening, high, low and last
sales to 2:00 p. m. today:

	Open	High	Low	Last Sale
Adventure	2½	2½	2½	2½
Ahmeeek	380	380	380	380
Alaska	33½	35½	33	33
Almogah	3¼	3¾	3	3
Allonez	52½	53	52½	53
Am Ag Ch pf.	91¼	91¼	91¼	91¼
Amalgamated	.66	.66½	.65½	.66
Amal rts.	1	1¼	1	1
Amoskeag	.65	.65	.65	.65
Am Sugar	105½	106½	105½	106
Am Sugar pf.	115	115	115	115
Am Tel.	118¾	119	118½	118
Am Woolen pf.	84½	84½	84½	84½
Am Zinc	46½	47½	45½	46
Ariz Com.	7½	7½	7½	7½
At Gulf pf.	18¼	18½	18¼	18½
Boston Elevated	77	77	77	77
Boston & Maine	34	34	34	34
Bo-Providence	235	235	235	235
Butte & Sup.	.69	.70½	.68	.68
Calumet & Ariz.	.63	.64	.63	.63
Calu & Hecla	.585	.585	.585	.585
China	.43	.43½	.42¾	.43
Copper Range	.50	.51½	.50	.51
East Butte	11½	11½	11½	11½
Edison Elec.	232	233	232	233
Fitchburg	.69	.69	.69	.69
Franklin	.10	.10	.9½	.9
General Elec.	150	151½	150	151
Granby	.80	.80¾	.79¾	.79
Greene-Canaan	28	28½	28	28
Hancock	.19½	.19½	.19½	.19½
Iscle Royale	.26½	.27	.26½	.26
Lake Copper	11	12	11	12
La Salle	.6½	.6½	.6½	.6
Mass	.13½	.13½	.13½	.13
Mass Elec pf	.38½	.39	.38½	.39
Mass Gas	.79¼	.79¼	.79¼	.79
Michigan	2	2	1½	1
Mohawk	.68½	.69½	.68½	.69
Nevada Cons	.13¾	.13¾	.13¾	.13
New Arcadian	.9½	1.0	.9¾	.9
Nipissing	.57½	.57½	.57	.57
NY N H & H.	.62½	.62½	.62	.62
North Butte	.30½	.31¼	.30¼	.30
North Lake	.2¾	.2¾	.2¾	.2
Old Dominion	.52	.52	.52	.52
Pullman	154	154	152¾	153

Latest News of Business, Finance and Investments

RUBBER MANUFACTURERS TOLD HOW EMBARGO MAY BE AVOIDED

Conditions Under Which British Government Raised Ban on Exports from Her Possessions Reiterated in Order That Conditions May Be Complied With

NEW YORK—The Rubber Club of America is sending a letter to automobile manufacturers and dealers in rubber goods saying in part: "That the situation in which American tire and rubber goods manufacturers find themselves on account of Great Britain's embargo on crude rubber may be as widely known as possible, it has been thought best that full details should be given to all handlers of tires and rubber goods, in hope that they would extend the fullest cooperation to rubber manufacturers in carrying out both the letter and the spirit of the guarantee the latter have given to the British government."

"During the past few years, American rubber manufacturers have been obtaining crude rubber in increasing measures from federated Malay states and Ceylon, both British possessions, until over 50 per cent of the raw material comes from these colonies."

"On Nov. 12, 1914, the British government placed an absolute embargo in crude rubber from the British empire, and this source was shut off until the following January, when the British government decided to allow rubber to come forward under certain conditions. The modifications were brought about through united effort of Rubber Club of America, Inc., and Rubber Trade Association of London."

"After two months' negotiations the British government formulated the following guarantee which has been signed by all leading rubber manufacturers in the United States:

"1. We will not export from the United States any raw rubber, reclaimed rubber or waste rubber, whether imported from British dominions or not, otherwise than to the United Kingdom or to a British possession."

"2. We will not sell rubber now delivered by you to any dealer or other

person or persons in the United States but will use it for our own manufacturing purposes."

"3. All orders received by us for manufactured or partly manufactured rubber goods to be sent to neutral European countries shall be executed from stocks maintained by us in the United Kingdom, or be executed by shipments to the United Kingdom and re-shipment from there under license to be obtained for export therefrom."

"4. We will not execute any orders for manufactured or partly manufactured goods to be sent either directly or indirectly to any country or state at war with Great Britain."

"5. We will not sell any manufactured or partly manufactured rubber goods to any person in the United States without satisfying ourselves there is no intention on his part to export or resell for exportation to any countries in Europe, other than Great Britain, France or Russia, otherwise than by shipping to the United Kingdom and reshipping from there under license to be obtained for export therefrom."

"6. If we export any manufactured or partly manufactured rubber goods to a destination outside of Europe, not being in a British possession, we will prior to or simultaneously with the shipment, give you particulars of the goods so shipped and their destination."

"7. All rubber tires exported by us or sold by us for export shall bear a distinctive mark or name, which we will communicate to you so as to identify them as being our manufacture."

"Any serious deviation from these terms of sale must possibly mean that the absolute embargo on rubber might again be placed in force, in which case, it would doubtless be much more difficult to persuade Great Britain to accept guarantees of American manufacturers."

COTTON CLOTH MANUFACTURING IS UNSETTLED

Uncertainties of International Situation a Disturbing Factor with New Bedford and Fall River Mills—Staple Lines Quiet

(Special to The Christian Science Monitor) NEW BEDFORD, Mass.—Manufacturers of cotton cloth in New Bedford and Fall River still find the demand for their product retarded and unsettled by the uncertainties of the international situation. A fair amount of new business is coming forward on fine and fancy goods, but on the staple lines of print cloth yarn construction orders are few and light. The mill men are generally holding very firm on prices, but buyers are operating with a caution and conservatism which contrasts sharply with the confidence they displayed up to the last fortnight.

New Bedford manufacturers have taken a new interest in export trade due to the fact that in the last few months they have found exports of fine and fancy goods expanding in a gratifying way. In the past they have not been much interested in foreign markets, believing that they needed liberal tariff protection in order to allow them to sell profitably in this country and seeing little prospect of selling at a profit in open competition with foreign mills in a common foreign market. But lately, South American cotton goods merchants, finding their European sources of supply partially or entirely cut off, have been turning to the United States, with the result that commission houses in New York have been doing a growing foreign business in fine yarn goods.

Though the bulk of cotton goods exports is of a different class of fabrics than those made in either New Bedford or Fall River, the mill men of these two cities have found further support for their optimism by the export figures for last March, which have just come to hand. These figures show that, notwithstanding the heavy loss in shipments to China, the total exports of cotton goods aggregated 38,466,553 yards last March compared with 31,770,007 in March last year. The effect of this expansion is far-reaching. For example, the big jump in exports of cotton knit goods means much to the yarn spinners of New Bedford who sell large quantities of yarn to the hosiery and underwear trade.

Reports are heard from day to day of the increasing scarcity of dyes, and they are substantiated, in part at least, by the quiet withdrawal of various lines of colored goods. Predictions as to when the real crisis will be reached vary from midsummer to late next fall. Southern mills are feeling the color shortage more keenly than the mills of New England, as they are operated more largely on the coarse heavy lines of goods which require large quantities of color.

It is noted, however, that imports of fine fast colored fabrics have fallen off sharply, and it is said in well-informed circles that present stocks in this country cannot be easily replaced within several months. However, the mills of New Bedford and Fall River have not yet been forced to stop any machinery because of the color situation, and so far as is known, there is no early prospect of any such development.

The cloth manufacturers are comparatively well supplied with forward business, and are not pressing for further contracts at this time. They are willing to wait for something in the way of a settlement of the differences between the United States and Germany, expecting that the markets will recover their activity if a peaceful adjustment is reached.

FINANCIAL NOTES

Southwestern Millers League, which 70 days ago estimated Kansas wheat crop at 170,000,000 bushels, now estimates 100,000,000 bushels as the maximum crop.

The American Steel & Wire Company, it is reported, has received an order from British army representatives for 1000 tons of horseshoes for delivery to the British army in France. Order calls for 800,000 to 1,000,000 shoes.

Trustees of the Gould estate plan to hold a meeting this week to decide whether their combined holdings of Missouri Pacific notes, totaling \$6,000,000, will be extended. Only about \$4,000,000 of the \$25,000,000 issue have been deposited to date.

Official budget figures show France expended \$126,000,000 on artillery alone in the first five months of war. In the same period \$30,000,000 was spent abroad for explosives, ammunition, harness, motors, steel, etc. Uniforms and camp equipment cost \$180,000,000.

Machine tool makers, now in New York for their annual convention, say that machine tool factories of United States are almost swamped by "war orders." Milling machine builders and lathe makers especially have on hand orders which will keep the majority running to capacity for the next six months.

INCREASE IN CANADIAN TRADE
OTTAWA—An increase of \$10,000,000 in Canadian trade during April over April, 1914, is shown by figures just issued. The total trade last month was valued at \$13,000,000 compared with \$4,000,000 last year.

LEAD EXPORTS BREAK RECORDS

In the nine months ended March 31 exports of lead exceeded 111,000,000 pounds, the heaviest tonnage ever sent abroad in a corresponding period. In the calendar year 1914 exports of lead from the United States amounted to 117,443,900 pounds, having a value of more than \$5,000,000.

Production in this country is now of record proportions but prices remain firm under the buying pressure. American Smelting & Refining Company continues to quote 4.20 cents, New York, but independents have sold at 4.30 and better, it is said.

RECORDS MADE IN FAVORABLE TRADE BALANCE

United States Has Had Uninterrupted Period of 21 Years of Credit Funds From Commerce—Unusual Present Situation

The government records show that the United States, including the year ending with June, 1914, had been in receipt of a favorable trade balance for an unbroken period of 21 years. The largest balance during that period was in 1908 when it reached \$666,431,554 and the smallest was in 1895 when it was only \$75,568,200. The average was about \$436,000,000. The total for the 21 years was \$9,105,000,000. It seems remarkable that, with such a huge excess of sales over purchases, United States should have received net during that period only \$140,000,000. In other words, Americans have spent for traveling expenses, freights in foreign bottoms, insurance to foreign countries, paid in interest and dividends or remittances by foreign born citizens living here, all except \$140,000,000 of a trade balance reaching the stupendous figures given.

There has undoubtedly been a large return of foreign capital formerly employed here in recent years and some return of securities, but for the period noted the balance was probably in United States' favor and unquestionably the bulk of the amount has been spent by travelers or paid for interest on foreign investments and services rendered by foreign companies. It is safe to say that the developments last summer opened the eyes of many to the real position of this country in its relations with European finance and that, previous to the proof that United States was so heavily in debt to Europe and paid such large sums yearly for the purposes noted, the average man thought that this country's heavy trade balances meant a correspondingly large addition to stock of gold.

The year which will end with next June will make many new records in foreign trade and conditions have been materially changed as regards the country's position in the world's financial affairs. The trade balance, to begin with, will undoubtedly be a record-breaker and may reach a billion dollars for the first time. It is true also, that very little of the amount will be spent abroad by travelers, while remittances by aliens will also be limited. The trade balance for the current year will, therefore, represent more in dollars than the increase in value over previous years would indicate and represent a very substantial reduction in the amount owed abroad.

It is known that all the short-term notes of United States cities and corporations held in Europe have been paid with possibly some important exceptions, but just how large have been purchases of securities cannot be told. It is taken for granted that the amount will be upward of \$300,000,000 and, although this will not make a big hole in the total, it represents a substantial deduction and it should be remembered that as securities are bought back the yearly requirements for interest and dividends are reduced.

It is true that against the holdings of securities in Europe there is an offset in the form of foreign securities held here but the amount is not large enough to count for a great deal. It is likely, however, that, if the war continues to build up such huge credits in Europe, the amount of short term notes and credits of European governments held here will reach large figures and become a factor in the international financial position of the United States. It has been estimated that Europe held anywhere from three to six billions of securities and it will take a long time to offset or buy back a considerable proportion of even the smaller amount, but the possibilities in the immediate future are great and may surpass all predictions just as did the recovery from the confusion of last summer.

METAL PRICES IN LONDON

LONDON—Copper spot £75 17s. 6d., up 12s. 6d.; Electro £87 unchanged. Tin spot £160 15s., up 5s.; futures £160 15s., up 5s.; straits £165 10s., up £1 10s. Sales spot 50 tons, futs 150 tons. Lead £20 1s. 3d., off 1s. 3d. Spelter £70, up £2 10s.

NO FUNDS FOR INTEREST
CHICAGO—Secretary Peyton of Chicago Utilities Company announced that there will be no funds available June 1 to meet semi-annual interest on the \$5,999,000 first mortgage 5 per cent, series A, bonds.

WESTINGHOUSE ELECTRIC CO. ANNUAL REPORT

Statement Just Issued Indicates Falling Off in Gross Business of \$10,000,000 Compared With Previous Year

The Westinghouse Electric & Manufacturing Company has issued its pamphlet report for the year ended March 31 last. The income account compares with the previous year as follows:

	1915	1914
Gross earnings—sales	\$33,671,485	\$43,733,646
Cost of sales, including:		
Ing mfg. deprec. ad.	31,106,073	39,016,424
Administration, etc.	2,562,412	4,717,222
Net mfg. profits	1,102,999	1,280,555
Other income	1,138,527	1,280,555
Total income	\$3,380,023	\$2,561,110
Inventory adjustments:		
Balance	412,277	233,274
Interest charges	3,275,915	1,706,003
Balance for dividends	2,963,744	4,038,509
Dividends	279,900	279,900
Balance for common	1,729,835	1,758,609
Common dividend	1,427,550	1,405,889
Surplus	302,285	352,721
Prepaid surplus	7,741,183	7,348,822
Total surplus	\$9,044,168	\$9,711,433
Miscellaneous deductions	579,757	2,062,303
Final surplus	\$8,464,411	\$7,649,130

Chairman Guy E. Tripp in his remarks to the stockholders, says in part:

Sales billed for the year show a large reduction, as compared with the previous year, due chiefly to unfavorable business conditions, but partly to the fact that from June 5 to July 13, 1914, the main works at East Pittsburgh, Pa., were practically closed by a strike of the operatives. The reduction in sales billed largely accounts for the reduction in the net income, but it was also affected by the conditions due to the strike. All of the extraordinary expenses caused by the strike, as well as the factory and general expenses during the strike were charged against the income for the year.

Average number of employees during the year was 15,145, compared with an average of 18,635 during the previous year.

During the current year the expenditures for new equipment and for extensions to buildings, resulting in an increase of 65,500 square feet in manufacturing floor space, were exceeded by the depreciation charges, so that the property and plant account again shows a decrease from the figures of the preceding year.

After a careful examination and appraisal of the assets of the Westinghouse Machine Company your directors authorized an offer to the stockholders of that company to exchange their holdings for common stock of the Westinghouse Electric & Manufacturing Company, on the basis of one share of the latter for three shares of the machine company. More than 85 per cent of the issued capital stock of the Westinghouse Machine Company was so exchanged.

The main plant of the machine company adjoins the main plants of your company at East Pittsburgh, Pa., and it also owns a large foundry at Trafford City near East Pittsburgh and a plant at Attica, New York. The main products of the machine company are sold chiefly in conjunction with the products of your company. Your directors believe that the ownership of this large controlling interest in the capital stock of the Westinghouse Machine Company will prove of advantage to your company.

Your investments in capital stocks of the Societe Anonyme Westinghouse (French company) were sold during the year to the British Westinghouse Electric & Manufacturing Company, Limited. Payment was received in the form of other securities. The British company now owns the controlling interest in the French company and through the latter the controlling interest in the Italian company.

The war has delayed the completion of the liquidation of the Russian company, but much the larger proportion of the amount estimated to be received from the liquidation has already been remitted to your company.

A further large reduction in indebtedness has been effected during the year. Two issues of collateral notes aggregating \$4,500,000 were paid off from the proceeds of the sale of securities, chiefly of the Scranton & Wilkes-Barre Traction Corporation.

The six-year 5 per cent notes, \$425,500, issued in 1908, matured and were paid on Jan. 1, 1915. There is no provision by which the payment of the 15-year 5 per cent notes, \$98,750, due Jan. 1, 1924, may be anticipated.

The company has this year inaugurated a service pension system which is designed to provide a permanent income for eligible employees upon their retirement.

BANK OF ENGLAND REPORT
LONDON—Following changes are shown in the Bank of England weekly report:

	Decrease
Total reserve	\$46,154,000
Circulation	34,002,000
French one-year 5% loan	1,990,000
Swedish gov't two-year notes	5,000,000
Argentine national 1-3 year loan	15,000,000
Edmon of Norway short-term	3,000,000
Swiss gov't 1-5 year notes	15,000,000
Argentine gov't and mun. loans	25,000,000
Argentine 5-year 6% bonds	25,000,000
Bolivia loan	1,000,000
Republic of Panama 30-year 5%	3,000,000
German 9 months 3% bonds	10,000,000
Total	\$247,500,000

While the \$25,000,000 Argentine bonds allotted to New York were successfully distributed, the corresponding amount offered in London received a poor wel-

STEEL TRADE LITTLE AFFECTED BY INTERNATIONAL SITUATION

Some Large Negotiations Said to Have Been Halted for Present, But on Other Hand Mill Operations of Several Companies Have Been Increased

It is still true that war possibilities figure only little in the steel trade. Some large negotiations have been halted for the time being and some structural contracts may be held up; but the mill operations of several companies have even been increased in the past week, says the Iron Age.

Without going into the eventual costs of a severance with Germany, the steel trade sees large immediate demands upon it in such an event, also what would come to it from the extension of large credits by this country to the Allies.

The Pennsylvania railroad's orders for 14,043 cars and the indications that the distribution of 138,000 tons of rails would be made this week have had a good effect, disposing of the apprehension that these awards might be postponed and thus affect other railroad business. An interesting feature is the number of steel box cars included in these orders. For one lot 2500 tons of sheets has been bought by a car company and an equal amount will go into box cars to be built in Altoona, Pa. All told, the Pennsylvania car orders will give the mills 175,000 tons of finished steel.

Nearly half the 100,000 tons of rails Russia is to buy here has been covered by contracts. Of the Russian cars less than 8000 have been definitely placed. At the present rate of exports more than 200,000 tons of such iron and steel products as are reported by weight might easily be shipped in May, compared with 175,000 tons in March.

An advance in galvanized sheets to 3.80c, for No. 28 has resulted from the soaring market for spelter. Singularly, black sheets have weakened and from the same cause. Certain Ohio mills, having used up their stocks of spelter, and being temporarily out of the galvanized sheet market, have more black sheets to offer.

As compared with 1.80c., which has

been considered the market, such mills have gone to 1.70c. and slightly less.

The structural outlook is not brilliant and the situation has been saved by public work which is going at remarkably low prices, much of it below 2c. The fabricating contracts of April represented 62.5 per cent of capacity against 64 per cent in March. Bids were taken this week on 14,500 tons of elevated work in Brooklyn. At Pittsburgh bids have been asked on 11,000 tons for a county bridge across the Ohio at McKees Rocks. The Missouri, Kansas & Texas has placed 2500 tons for bridges and the Louisville & Nashville requirements are put at 10,000 tons.

The situation in steel bars is probably stronger than in other loading products. With agricultural contracts still delayed, orders are coming in from a variety of sources, including round-logs for jobbers, and there is the continued pressure for shrapnel bars. On large rounds deliveries are now three or four weeks off.

The recent line pipe orders taken by the National Tube Company amounted, to 40,000 tons. Prices on this business were very low. One new contract calls for 27 miles of 16-inch line pipe for Texas. In the cast-iron line pipe trade, the leading interest has just booked 10,000 tons for Sacramento.

In the Pittsburgh district two bar, wire makers are shipping about one-third of their product abroad. The spring lull in the domestic wire trade continues, but in view of light stocks it may not be so long drawn out as in other like periods.

The Canadian government is in the market for 6000 tons of cold-rolled strip steel for export.

The tin-plate mills of large interests have been running well up to capacity, but new business is light and unless improvement comes soon some curtailment is inevitable. A Standard Oil inquiry for 300,000 boxes is looked for.

UNITED STATES ADVANCE AS A CENTER FOR FINANCING

"Indicating this country's wonderful advance as a center of finance, leading New York bankers figure that more than \$247,000,000 in foreign loans has been placed here since start of the war, says the New York Journal of Commerce. This does not take into account the amount of subscriptions from the United States for the second German war loan, as anything like accurate details on this point were difficult to obtain; neither does the compilation cover British credits which have been established here in a private way awaiting the conclusion with American bankers of the much-talked-of \$150,000,000 loan or credits. It is natural to assume, therefore, that the advances already made to European countries are much larger than the total indicated. Some authorities estimate that financing on this score not accounted for would probably reach \$50,000,000. So this would make a grand total of more than \$300,000,000 loaned by the United States to foreign countries since the outbreak of the European conflict. But the great bulk of these loans has been placed since the first of the year."

Prominently represented in the total were Canadian securities amounting to \$85,500,000 made up of provincial, municipal and corporation issues. France has been the next largest borrower, followed by Argentina and Russia. Bankers who played the most important part in these financial operations are authority for the statement that a very large part of the proceeds obtained here by the borrowers, the loans or credits having been negotiated to make payment for supplies of various kinds. It would have been almost impossible to finance these operations except through shipments of gold in much larger amounts than have already taken place from France and Ottawa to New York.

The following table shows the foreign borrowings in detail:

Russian government acceptances	\$25,000,000
French gov't one-year notes	10,000,000
French one-year 5% loan	50,000,000
Swedish gov't two-year notes	5,000,000
Argentine national 1-3 year loan	15,000,000
Edmon of Norway short-term	3,000,000
Swiss gov't 1-5 year notes	15,000,000
Argentine gov't and mun. loans	25,000,000
Argentine 5-year 6% bonds	25,000,000
Bolivia loan	1,000,000
Republic of Panama 30-year 5%	3,000,000
German 9 months 3% bonds	10,000,000
Total	\$247,500,000

While the \$25,000,000 Argentine bonds allotted to New York were successfully distributed, the corresponding amount offered in London received a poor wel-

come, most of it being left in the hands of the underwriters. No small part of the Argentine bonds was put out to meet obligations maturing in London.

DETROIT EDISON SPECIAL MEETING TO BE ON JUNE 8

NEW YORK—A special meeting of the stockholders of the Detroit Edison Company has been called to be held at the company's office in this city on June 8 to approve a mortgage for an issue of \$75,000,000 25-year bonds to be held from time to time in such amounts and on such terms and conditions as to interest, rate, price and otherwise as the directors may deem advisable.

In asking approval of the mortgage, it is indicated in a circular to stockholders that amount to be authorized, will be sufficient to "cover all possible requirements of the company for many years." The circular says that it is felt that if the new issue be authorized this company will be able then to provide itself for its requirements from time to time either by the sale of bonds or by sale of stock, or both, as conditions may justify.

The mortgage will provide for the retirement at or before maturity of the \$10,000,000 outstanding bonds of Detroit Edison Company and the \$4,000,000 bonds of the Eastern Michigan Edison Co., and it will enable the company to meet the demands of its increasing business. An affirmative vote of two thirds of the outstanding stock is necessary to carry out the recommendations of the board. Books close May 28 and reopen June 9.

CHILE COPPER CO. BEGINS OPERATIONS

NEW YORK—The Chile Copper Company has received a cable from Pope Yeabman, at Antofagasta, to the effect that the plant of the Chile Copper Company began operations May 18.

The Chile Copper Company is claimed to have the largest deposits of copper in the world with the exception of the Utah Copper Company. It is expected that production will eventually be worked up to 200,000,000 pounds a year.

BANK OF ENGLAND RATE SAME
LONDON—The Bank of England rate remains unchanged at 5 per cent.

CITIES SERVICE CO. EARNS GOOD COMMON STOCK SURPLUS

During the year ended March 31 last, the Cities Service Company earned a surplus available for its common stock equal to 11.34 per cent on the \$14,718,380 outstanding, as compared with 11.22 per cent in the previous year, 10.01 per cent in 1913, and 8.61 per cent for the corresponding 12 months ended March 31, 1912. Earnings of this company have shown a liberal annual increase since it was organized, and the outlook for the future is considered satisfactory. In March, increases in gross, net and surplus were recorded, the same being true with respect to the 12 months ended March 31.

On March 31 last, the company reported a surplus and reserve in excess of \$4,000,000. Therefore, when financial conditions become such as to permit a resumption of dividends on the outstanding stocks, there will be a liberal surplus to back up current earnings. The recent resumption of dividends by the Electric Bond Deposit Company, which is controlled by the same interests as the Cities Service Company, has given rise to the belief that the Cities company also will resume dividends within a comparatively short time. It is impossible to learn, however, just when such a departure will be considered expedient by the management of the organization.

The company is now financing its current needs from earnings, and will doubtless continue to do so until the situation abroad takes a turn for the better. A large amount of the stocks of the Cities Service Company is held in Europe, and it is considered advisable not to undertake any financial plan, such as the possible offering of new stock, etc., until after the way has been paved for giving an opportunity to the foreign holders to participate. It is stated that since the war began only a comparatively small amount of either preferred or common stocks held by Europeans has been returned to America.

Practically all of the subsidiary companies are said to be showing monthly increases in gross and net revenues and a high state of operating efficiency is maintained by each. Large amounts of money have been expended for improvements and betterments to the properties, and with the return to normal conditions in this country and abroad, the outlook for their future is considered exceptionally favorable. Noteworthy improvement already has been shown by the companies operating in the Joplin district, while betterment is being recorded in earnings of the oil-producing companies of Oklahoma.

ANIMAL EXPORTS FOR NINE MONTHS REACH BIG VALUE
NEW YORK—Exports of animals in nine months including March carried a value of approximately \$46,500,000, of which horses constituted \$40,695,000 and numbered 185,000, an average of \$225 for each horse. In the corresponding nine months of previous year the value of American horses exported was \$2,243,000 and the number 15,000, an average of \$150. In the similar nine months of 1913 the value was \$1,950,000, and the number 14,274, or an average of about \$140 per horse.

Apparently the big movement has just begun, because in March the value of exports of horses was \$8,000,000 and the number 33,894, an average price of about \$236. In March, 1914, value of horses exported was \$426,700 and the number 3000. In February this year, although a shorter month, exports of horses were valued at \$9,253,000 and the number was 399,000.

The specifications which Europe is making for horses are rather exacting, but it has not been many years since in the Blue Grass region of Kentucky a good horse could be bought for \$150 and the very best horse for \$200 to \$250. The details of our exports of animals for nine months ended March 31, 1915, and 1914, follow:

	1915	1914
Horses	185,000	15,000
Mules	29,570	5,133
Sheep	41,848	108,530
Hogs	3,922	47,679
Cattle	2,953	238,013
Others	161,838	330,204
Total	\$46,444,376	\$4,042,418

SPELTER ADVANCES IN LONDON
LONDON—Spelter for May delivery has sold at £72, an advance of £1 over Wednesday's price.

ART IMPORTATION FIGURES SHOW A MARKED DECREASE

NEW YORK—It is figured that Americans will save from \$125,000,000 to \$250,000,000 usually spent abroad. This is for passage money, hotel bills and railroad fares, and does not include enormous sums Americans spend in the fashion centers and large cities of Europe. On the question of extras no one has yet been able to make a very careful estimate. For art objects imported from Europe Americans spend in normal years approximately \$30,000,000 to \$40,000,000. In nine months ending March

Leading Events in College, School and Club Athletics

WILLIAMS WINS DOUBLES TITLE AT LAWN TENNIS

C. F. Cutler and R. S. Maynard Easily Defeat D. E. Woodbridge and H. R. Stewart for Championship

C. F. Cutler and R. S. Maynard won the doubles championship of the New England Intercollegiate Lawn Tennis Association for Williams College this morning when they defeated D. E. Woodbridge and H. R. Stewart of Massachusetts Institute of Technology in the final round on the courts of the Longwood Cricket Club in straight sets: 6-2, 6-2, 6-2.

From the very start it was evident that Williams would win. Stewart and Woodbridge won the first game of the first set as the Williams players did not exert themselves; but they got going in the second game and won easily.

Cutler was the chief winner of the match. He had his cut stroke working beautifully and his service was very good. He also played finely from the base line. Maynard did most of the killing and took care of the net shots. He was steady throughout.

Woodbridge did the best playing for Technology. His service was a little erratic at times. Stewart was steady but lacked speed. The game played by the Technology pair did not seem to be quite as strong as they showed in the semi-finals yesterday. The match by play follows:

FIRST SET
Williams.....4 4 4 4 2 4-30-6
Technology.....6 2 1 1 4 2-17-2

SECOND SET
Williams.....5 4 4 3 2 5-31-6
Technology.....3 2 2 5 1 3-20-2

THIRD SET
Williams.....6 4 1 4 4 4-27-6
Technology.....4 1 4 1 2 2-18-2

DOUBLES—FINAL ROUND
C. F. Cutler and R. S. Maynard, Williams, defeated D. E. Woodbridge and H. R. Stewart, Technology, 6-2, 6-2, 6-2.

Semi-final round matches in singles and doubles occupied the whole of Wednesday's play. In the singles section C. F. Cutler of Williams continued to show championship form and easily defeated H. R. Stewart of Technology in straight sets, 6-0, 6-2. Cutler now appears almost certain to win the singles. Through his work, Williams has already captured one point to add to its score for the possession of the present trophy, for he has made the final in both singles and doubles.

Cutler's victory over Stewart in the singles was more impressive as to score than any of his previous ones, but Stewart took on the match immediately after finishing a hard doubles match. Cutler's game was well rounded and strong. He played so accurately in the opening set that his rival could not even come close to winning a game, getting but eight points in all. He managed to capture two games in the second set and forced a third to decide eight times. The point score:

FIRST SET
Cutler.....4 4 4 4 2 4-30-6
Stewart.....6 2 1 1 4 2-17-2

SECOND SET
Cutler.....5 4 4 3 2 5-31-6
Stewart.....3 2 2 5 1 3-20-2

The doubles match between Technology and Amherst was notable from the fact that the winners won the second set by a great upset after their rivals had them 5 games to 3 and were within a point of winning time and again. The summary:

SINGLES—SEMI-FINAL ROUND
C. F. Cutler, Williams, defeated H. R. Stewart, Technology, 6-0, 6-2.

DOUBLES—SEMI-FINAL ROUND
H. R. Stewart and D. E. Woodbridge, Technology, defeated E. M. Cady and J. A. McCloy, Amherst, 6-2, 6-2, 6-2.

C. F. Cutler and R. S. Maynard, Williams, defeated L. D. Flint and R. H. Larabee, Bowdoin, 6-1, 6-0.

MISS ROTCH AND A. S. DABNEY WIN

Favorites were eliminated in the mixed doubles of the lawn tennis tournament at the Country Club, Brookline, Wednesday. Miss E. R. Sears and G. P. Gardner, Jr., were defeated by Miss Edith Rotch and A. S. Dabney in a three-set match. The winning pair subsequently played into the final by defeating Miss Lapham and Edward Fennessy in straight sets. Miss Marion Fenn and N. W. Niles are the other finalists, first winning from Miss Ann Sheafe and H. C. Johnson rather easily, after which they disposed of Mrs. T. H. Cabot and G. C. Canner, Jr.

FEDERAL LEAGUE STANDING

Team	Won	Lost	P.C.
Pittsburgh	10	1	.913
Newark	8	3	.727
Chicago	7	4	.636
Kansas City	6	5	.545
Brooklyn	5	6	.455
St. Louis	4	7	.364
Baltimore	3	8	.273
Buffalo	2	9	.182

RESULTS YESTERDAY
Newark 7, Pittsburgh 3.
Other games postponed.

GAMES TODAY
Brooklyn at Chicago.
Buffalo at St. Louis.
Baltimore at Pittsburgh.

NEW ENGLAND LEAGUE
Worcester 4, Pittsburg 0.
Lynn 10, Lawrence 4.
Lowell 2, Lowell 1.
Manchester 5, Portland 2.

NORTH CAROLINA LEAGUE
Raleigh 6, Asheville 0.
Little Rock 2, Atlanta 1.

AMERICAN ASSOCIATION
Minneapolis 4, St. Paul 0.
St. Paul 4, St. Paul 0.

SOUTHERN LEAGUE
New Orleans 7, Memphis 5.
Little Rock 2, Atlanta 1.
Birmingham 3, Nashville 2.
Chattanooga 2, Mobile 0.



CAPT. C. F. CUTLER
Williams varsity lawn tennis team

NATIONAL LEAGUE STANDING

Team	Won	Lost	P.C.
Philadelphia	10	1	.913
Chicago	8	3	.727
Boston	7	4	.636
Brooklyn	6	5	.545
Pittsburgh	5	6	.455
St. Louis	4	7	.364
New York	3	8	.273
Cincinnati	2	9	.182

RESULTS YESTERDAY

Pittsburgh 7, Boston 0.	St. Louis 3, Philadelphia 0.
New York 5, Chicago 1.	Brooklyn 2, Cincinnati 0.

GAMES TODAY

Chicago at Boston.	St. Louis at Brooklyn.
Philadelphia at New York.	Cincinnati at Philadelphia.

PITTSBURGH SHUTS OUT BOSTON

The Pittsburgh Nationals easily shut out the Boston champions at Fenway park by a score of 7 to 0. Max Baer pitched for the winners, and held Boston to six scattered hits. Ragan started to pitch for Boston, and lasted five innings, during which time Pittsburgh made 10 hits and scored all her runs. Wagner of Pittsburgh and Magee and Schmidt of Boston furnished the fielding figures.

Innings: 1 2 3 4 5 6 7 8 9 R.H.E.
Pittsburgh.....0 0 0 0 0 0 1 1-3 6 0
Boston.....0 0 0 0 0 0 0 0-0 2 5
Batteries, Max Baer and Snyder; Chalmers and Killifer. Umpires, Byron and Orth. Time, 1h. 42m.

NEW YORK 5, CHICAGO 1

Innings: 1 2 3 4 5 6 7 8 9 R.H.E.
New York.....0 0 0 0 0 0 1 1-3 6 0
Chicago.....0 0 0 0 0 0 0 0-0 2 5
Batteries, Adams and Snyder; Chalmers and Killifer. Umpires, Byron and Orth. Time, 1h. 42m.

BROOKLYN 2, CINCINNATI 0

Innings: 1 2 3 4 5 6 7 8 9 R.H.E.
Brooklyn.....0 0 0 0 0 0 1 1-3 6 0
Cincinnati.....0 0 0 0 0 0 0 0-0 2 5
Batteries, Coombs and Miller; Ames and Clark. Umpires, Quigley and Eason. Time, 1h. 45m.

AMERICAN LEAGUE STANDING

Team	Won	Lost	P.C.
New York	10	1	.913
Detroit	8	3	.727
Chicago	7	4	.636
Boston	6	5	.545
Washington	5	6	.455
Cleveland	4	7	.364
St. Louis	3	8	.273
Philadelphia	2	9	.182

RESULTS YESTERDAY

Cleveland 5, Boston 2.	Detroit 3, New York 1.
Chicago 7, Philadelphia 1.	Philadelphia at Detroit.
Washington-St. Louis, postponed.	

GAMES TODAY

Boston at Chicago.	Philadelphia at St. Louis.
Philadelphia at Detroit.	Washington at Cleveland.

CLEVELAND BEATS RED SOX

CLEVELAND—With Hagerman pitching championship baseball, the Cleveland Americans defeated the Boston Red Sox here Wednesday by a score of 5 to 2. Boston made both its runs in the last inning and had all the bases occupied when Smith retired the last man. Foster started to pitch for Boston, but was ineffective, and was succeeded by Ruth. The score:

Innings: 1 2 3 4 5 6 7 8 9 R.H.E.
Cleveland.....0 0 0 0 0 0 1 1-3 6 0
Boston.....0 0 0 0 0 0 0 0-0 2 5
Batteries, Hagerman and O'Neill; Foster, Ruth and Thomas and Carrigan. Umpire, Evans. Time, 1h. 45m.

DETROIT 3, NEW YORK 1

Innings: 1 2 3 4 5 6 7 8 9 R.H.E.
Detroit.....0 0 0 0 0 0 1 1-3 6 0
New York.....0 0 0 0 0 0 0 0-0 2 5
Batteries, Coveleski and Stange; Keating, Caldwell and Smith. Umpires, Nallin and Dinneen. Time, 1h. 58m.

CHICAGO 9, ATHLETICS 7

Innings: 1 2 3 4 5 6 7 8 9 R.H.E.
Chicago.....0 0 1 0 0 0 2 2-6 0
Philadelphia.....0 0 1 0 0 0 0 0-0 2 5
Batteries, Cleotis, Scott and Schalk; Wyckoff, Pennington and Schang. Umpires, Chilly and Connolly. Time, 2h. 20m.

GUILFORD BEATS OUMET

Jesse Guilford, former New Hampshire state champion, scored again over Francis Oumet, the national amateur champion, when, in the play-off of the triple tie in the qualification of the Country Club's open amateur tournament between the above named and W. C. Chick, Guilford was the winner with a card of 77, Oumet 79 and Chick 80.

ENGLISH FOOTBALL SEASON COMES TO A LIVELY ENDING

(Special to The Christian Science Monitor) LONDON—The 1914-15 football season came to a very lively end. Up to the very last match it was an open question whether Chelsea would or would not have to go down to the second division with Tottenham Hotspur, the other London first division club, to make way for Derby County and Preston North End.

As things turned out Chelsea had to win only two points in their last three matches to insure their position in the first division for another 12 months and as they were finishing the season in their best form no one doubted that they would be successful. Yet the last match of the season found Chelsea's fate still undecided.

Their opponents in this match were Notts County, also struggling to avoid relegation, and a draw was all that the London club required. On the other hand a win was essential to Notts County, as a draw would have brought them and their opponents level with Newcastle United, Bolton Wanderers and Manchester United, all with 30 points each. The question would then have had to be settled by goal average, and as Notts County had much the worst goal average of the five it would have fallen to them to accompany Tottenham Hotspur.

Chelsea had to take the field without four members of their cup team and they labored under the additional handicap of having had to play three big games in five days. The result was that they failed at the comparatively simple task set them, being beaten by Notts County by 2 goals to 0. Next season—when it comes—therefore, London will not be represented in the first division. Chelsea, it may be said, were the worst of two moderate teams, and Notts County deserved their win, but the failure of Chelsea to secure points in their last three engagements was certainly surprising play from a club which had deservedly won its way to the final of the English cup.

Chelsea, it is curious to note, are always either at the top of the second division or at the bottom of the first division, always either struggling for promotion or to avoid relegation. In their first season, some 10 years ago, they finished third in the second division and in the following season they were one of the first two teams and so secured promotion. For the next three seasons they remained in the first division; but they were always in the danger zone, twice finishing only three points ahead of the relegated clubs, and then going down in their third season. In 1910-11 they failed to qualify for promotion, but in 1911-12 succeeded in returning to the

first division where they have spent the past two seasons. In 1910 Chelsea had to play Tottenham Hotspur in the last match of the season to decide which team should go down.

The position at the foot of the Southern League at the close of the season was also very interesting. Croydon Common had completed their list of fixtures and, up to almost the last Saturday of the season, regarded themselves as practically safe from relegation. On the other hand Southend were regarded as certain to go down with Gillingham to the second division of the Southern League. Southend had not won an away-from-home match until the end of March, but suddenly reversing in the most marked way they beat both Luton Town and Millwall, obtaining the greatest number of goals secured by any Southern League visiting team on the Millwall ground.

Their final match was with Plymouth Argyle on their own ground, and success for them meant that Croydon Common would have to go down, while failure for Southend meant that they themselves would have to go down. Plymouth were beaten by 3 goals to 1 and if the present rules are adhered to Croydon must spend the next season in the second division. The following tables show the position of the English League and Southern League first divisions at the close of the season:

ENGLISH LEAGUE—FIRST DIVISION

	P.	W.	L.	D.	F.	A.	P.
Everton	38	19	11	8	76	47	46
Oldham Ath.	38	17	10	11	71	57	45
Blackburn R.	38	15	13	10	63	61	43
Manchester	38	15	13	10	61	47	43
Burnley	38	15	13	10	61	47	43
Sheffield Wed.	38	15	13	10	61	47	43
Manchester C.	38	15	13	10	61	47	43
Sheffield Utd.	38	15	13	10	61	47	43
Sunderland	38	15	13	10	61	47	43
Bradford City	38	13	11	14	53	49	40
W. Bromwich A.	38	15	13	10	61	47	43
Bradford	38	15	13	10	61	47	43
Blackburn R.	38	15	13	10	61	47	43
Manchester	38	15	13	10	61	47	43
Burnley	38	15	13	10	61	47	43
Sheffield Wed.	38	15	13	10	61	47	43
Sheffield Utd.	38	15	13	10	61	47	43
Sunderland	38	15	13	10	61	47	43
Bristol City	38	13	14	11	62	72	37
Liverpool	38	14	15	9	65	75	37
Newcastle Utd.	38	11	19	10	46	48	32
Sheff Wed.	38	11	19	10	37	57	31
Bolton Wand's	38	11	19	8	48	48	32
Manchester U.	38	9	17	12	46	62	29
Sheff Utd.	38	8	17	13	51	65	29
Chelsea	38	8	17	13	51	65	29

THE HOME FORUM



A Rose Hedge in Portland, Oregon

When Solomon wanted to express the superlative of beauty, he used the rose of Sharon for a figure, and although the flora of Palestine offered him only the wild rose, it is not to be supposed that a monarch who laid the whole Orient under tribute to enrich his state, should have been unacquainted with the rose of Persia. So, also, when Isaiah sees the desert blossoming "as the rose," he may have been thinking of the narcissus, and he may quite as probably have been thinking of that same wild rose which grows throughout Syria.

Sappho and Anacreon sang of the rose, Seneca tells how Egypt sent roses to Rome, and Suetonius tells how lavishly the Romans used them. Of Sadi, the Persian poet, it is related that one day he went with a rose in his hand to the potentate who had made him captive,

and said: "Do good while yet thou hast the power, for time is fleeting, and the season of power is often as transient as the duration of this flower. Do not delay longer the fulfillment of thy promise, O my master!" And winning his freedom by this appeal, he expressed his gratitude in "Gulistan" ("The Garden of Roses.")

So on down, through the troubadours and minnesingers, through Chaucer and Spenser, it has been "roses, roses, all the way" from the beginning of writing, to the latest accounts of the roses on the Pacific coast of America, and the flower festivals with which Los Angeles and Portland today rival the ancients.

The naming of roses is a strictly modern art. For centuries, the few varieties were differentiated only by their color. Thus in the Temple Garden

Warwick says, "I pluck this white rose with Plantagenet"; and Suffolk says, "I pluck this red rose with young Somerset." But out of the final uniting of these rival houses, sprang the York and Lancaster rose, with its mingled colors and its distinctive name.

With the coming of the tea rose to France from China about a century ago, began a new era of rose culture, and the nineteenth century brought many new roses to light with an increased nomenclature, so that now only expert knowledge pretends to call by name the more than a thousand varieties. The laity generally know about a score, and the majority of these would be surprised to learn that the Bon Silene and the Nephites were produced as late as 1839 and 1844 respectively, that the Jacqueminot is scarcely fifty years old, that the Marechal Niel and La France are still younger, while that distinguished native born citizen of the United States, the American Beauty, is a new comer among the older of these.

With all its exuberance the rose is not a tropical flower, but circles the earth in two broad bands, there being few countries into which it does not enter.

On a Portrait of Wordsworth by B. R. Haydon

Wordsworth upon Helvellyn! Let the cloud Ebb audibly along the mountain-wind, Then break against the rock, and show behind The lowland valleys floating up to crowd The sense of beauty. He with forehead bowed And humble-lidded eyes, as one inclined Before the sovran thought of his own mind, And very meek with inspirations proud, Takes here his rightful place as poet-priest By the high altar, singing prayer and prayer To the higher Heavens. A noble vision free Our Haydon's hand has flung out from the mist; No portrait this, with Academic air! This is the poet and his poetry. —Elizabeth Barrett Browning.

Mary and Charles Lamb's Excursion to Cambridge

In a letter to Sarah Hutchinson written on Aug. 20, 1815, Mary Lamb gives a delightful description of her enjoyment of a visit to Cambridge with her brother.

"Last Saturday was the grand feast day of the India House Clerks," she writes. "I think you have heard Charles tell of his yearly turtle feast." "He used Saturday, the feast day being a holiday, borrowed the Monday following, and we set off on the outside of the Cambridge Coach from Fetter Lane at eight o'clock." "Seated in the open air I enjoyed every mile of the way—the first twenty miles was particularly pleasing to me, having been accustomed to go so far on that road in the Ware Stage Coach to visit my Grandmother in the days of other times. In my life I never spent so many pleasant hours together as I did at Cambridge. We were walking the whole time—out of one College into another. If you ask me which I like best, I must make the children's traditional unoffending reply to all curious inquirers—'Both.' I liked them all best. The little gloomy ones, because they were little gloomy ones." "And the fine grand Trinity College, Oh, how fine it was! And King's College Chapel, what a place!" "I certainly like St. John's College best. I had seen least of it, having been only over it once, so, on the morning we returned, I got up at six o'clock and wandered into it by myself—by myself indeed, for there was nothing alive to be seen but one cat, who followed me about like a dog. Then I went over Trinity, but nothing hailed me there, not even a cat." "With what pleasure Charles showed me Jesus College, where Coleridge was—the barber's shop where Manning was—the house where Lloyd lived—Franklin's rooms, a

"THE CONSUMMATE NATURALNESS OF TRUTH"

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

IN "Miscellaneous Writings" (p. 200) Mrs. Eddy, the Discoverer of Christian Science, writes as follows: "It was the consummate naturalness of Truth in the mind of Jesus, that made his healing easy and instantaneous." Orthodoxy, to use the word as covering popular theological beliefs, has put down the many cases of healing recorded in the New Testament to the special intervention of God. Clinging as it does to the theory of the duality of man, man as made up of body and soul, a compound of good and evil, it demands the intervention of the supernatural at mend or heal that which seems to have given way under what it terms "natural law." Orthodoxy sneers at David Hume's scepticism; but Hume was honest when he maintained that a "miracle" was a violation of "natural" or "material law"; his deduction is the only possible one if we admit, as Hume did, carrying

Locke's philosophy to its furthest limit, that we owe all our knowledge to sense-perception. This is exactly the position of orthodoxy with the exception that it brings in, to bolster itself up, what it calls the supernatural, a power outside and beyond sense-perception but still capable at will of influencing matter, which is synonymous with physical sensation.

Now a "miracle" is only mysterious to credulity and ignorance. In reality a "miracle" never happened. What are spoken of as miracles in the Bible are simply signs or proofs of a knowledge which goes beyond so-called material law and human experience based on sense-testimony. We have perhaps watched a mathematician solving an advanced algebraic problem and been forced to say, "Wonderful," at his skill. But there was no mystery about it. He simply got his result through a knowledge superior to ours. It might be even a

knowledge entirely outside the ken of some of us. When firearms were first brought to bear on certain savage peoples their imaginations sought for the explanation of the destruction of their fellows in the supernatural. It is always the way with mankind. If it must have an explanation of that which is not on the surface it does not bother much about how illogical it may be; it can always fall back on the supernatural! It is not any more fortunate in its solace than was Peter Bell of whose lack of imagination Wordsworth wrote,—

"A primrose by a river's brim
A yellow primrose was to him,
And it was nothing more."

Orthodoxy and Peter Bell are curious extremes.

Christian Science solves the mystery of the so-called miracle. It elucidates the divine Principle which Jesus knew, which he taught his early followers to know and love, which Mrs. Eddy rediscovered and which is again demonstrated in the healing of sickness and sin. In "Science and Health with Key to the Scriptures" (p. 111) Mrs. Eddy says,—

"The Principle of divine metaphysics is God; the practice of divine metaphysics is the utilization of the power of Truth over error; its rules demonstrate its Science." But, one may ask, what about the nature of God; wherein does Christian Science teaching differ from orthodox with regard to the Supreme Being? That is the point: Christian Science differs from so-called orthodoxy in this, that it substitutes an exact knowledge of God for mere belief or credulity. Christian Science teaches that God is infinite good, infinite Mind or Spirit, that God's creation is, as it must be, perfect and spiritual from the least spiritual to the highest,—man. This is the positive side of the teaching; the negative is that since God is infinite Mind and good, matter and evil are unreal, do not in fact exist in absolute knowledge at all. So-called matter and evil are mere beliefs, the suppositions by-products of relative sense-perception. Christian Science, thus denying the existence of matter and evil in the light of the knowledge of God, shows how their falsely-endowed power can be destroyed by Truth. And this destruction of error in the human consciousness by Truth which is the "miracle" to human sense, is no miracle at all, but consummately natural to spiritual sense.

To begin with, mortal mind looks upon the truth as anything but natural to it;

but it is wonderful how it gets rid of this, and before long the truth becomes the most natural thing possible. One who has practised Christian Science for years never doubts Truth's omnipresence and healing power. To Christ Jesus, as Mrs. Eddy points out, Truth was his natural element. In God he lived and moved and had his being. Of himself he could do nothing. All power was given to him of his Father. He reflected the divine Mind so perfectly because he completely identified himself with God, with Truth, Life and Love. It was his knowledge, his consciousness of the allness of good, which to him was as natural as living, that enabled him to destroy all unlike good which approached him in its distress. St. John records a saying of the Master,—"If a man keep my saying, he shall never see death." "Saying" is derived from the Greek, "logos," which is translated "Word" in the first chapter of the same Gospel. "In the beginning was the Word, and the Word was with God, and the Word was God." The "saying" or "Word" simply signifies "the spiritual idea." Thus Jesus meant that if a man adhered to the spiritual idea of God, adhered to the Truth or Christ, he would not pass through that which men call death, for "death" is but the climax—the natural climax—of the very opposite of the spiritual idea of God—the material sense of existence.

St. Paul must have known to a marked extent "the consummate naturalness of Truth" when in his memorable defense before King Agrippa he exclaimed, "Why should it be thought a thing incredible with you, that God should raise the dead?"

It is a mistake to believe that truth is not as available and as powerful now as ever it was. Referring to the healings of Jesus the Christ, the Founder of Christian Science writes: "Now, as then, these mighty works are not supernatural, but supremely natural." (Science and Health, Pref. p. xi.) And this is being proved every day in Christian Science practise. There is no seemingly inharmonious condition that Truth cannot heal; and the healing, as has been shown, is purely spiritual. It is the result of the apprehension of "the consummate naturalness of Truth."

Christian Science teaches a man to clear his mind of the dross of material beliefs which to mortal sense lie in every corner of it, and to do so by keeping before him the fundamental truths of being and constantly affirming their reality. It shows him that the more clearly he perceives or realizes, and is assured of "the consummate naturalness of Truth," the easier he finds it to obey the command of Jesus the Christ to heal the sick.

HER FIRST MEETING WITH SCOTT

Miss Seward, a friend and correspondent of Sir Walter Scott, wrote her impressions of him after her first meeting with him in 1807, when he was well along in the writing of "Marmion." What she wrote is incorporated in Lockhart's biography of the poet as follows:

"In the first week of May we find him at Lichfield, having diverged from the great road to Scotland for the purpose of visiting Miss Seward. Her account of her correspondent, whom till now she had never seen, was addressed to Mr. Cary, the translator of Dante. 'This prodigious host of the Caledonian muse is tall,' she says, 'and rather robust than slender.' We find the sinuosity of brown hair and eyelashes, gaily flaxen eyebrows; and a countenance open, ingenuous, and benevolent. When seriously conversing or earnestly attentive, though his eyes are rather of a lightish grey, deep thought is on their lids; he contracts his brow, and the rays of genius gleam aslant from the orbs beneath them. An upper lip too long renders his mouth from being decidedly handsome; but the sweetest emanations of temper and heart play about it when he talks cheerfully or smiles—and in company he is much oftener gay than

contemplative—his conversation an overflowing fountain of brilliant wit, apt allusion, and playful archness—while on serious themes it is nervous and eloquent; the accent decidedly Scotch, yet by no means broad. No less astonishing than was Johnson's memory is that of Mr. Scott; like Johnson, also, his recitation is too monotonous and violent to do justice either to his own writings or those of others.' Miss Seward adds, that she showed him the passage in Cary's Dante where Michael Scott occurs, and that though he admired the spirit and skill of the version, he confessed his inability to find pleasure in the Divina Commedia. 'The plan,' he said, 'appeared to him unhappy; the personal malignity and strange mode of revenge presumptuous and uninteresting.'

The Mower

Koltsov, who wrote early in the nineteenth century, has been called the greatest of Russian folk-poets. He was the son of a cattle dealer, following the same occupation, and he depicts the simple life of the countryside. The following extract from his poem, "The Mowers," translated into English by Mrs. Rosa Newmarch, describes a young peasant setting forth to seek a livelihood amid new surroundings:

"Down the Don's bank I'll stray
Till I reach the quayside.
Where the hamlets stand gay
And the Steppes stretch wide,
There, wherever I glance,
The tall plume-grass is blown.
O Steppes, thou, my own,
How thy fertile expanse
Lies green on each hand,
So free and so vast,
Till it reaches at last
To the Black Sea's far strand.
See, my sharp scythe is here,
As myself he is dear.
O, from end to far end,
What a joy it will be
To wander with him
O'er the Steppes' grassy sea!
Swish, work away, shoulders;
Swing, arms, to and fro,
While cool on my face
The light southern winds blow,
Refreshing and rippling
The Steppes' endless space.
Now, scythe, hum a song,
Flash in circles thy blade;
How the long grass-ranks fall
As the steel moves along!"

One Country

Of one of his men, who chose to be a schoolmaster rather than a soldier, George Meredith says: "He works for Europe and America,—all civilized people—to be one country."

The Imperial Russian Musical Society

"In Russia the greater musical life is managed upon a system entirely different from that which obtains in any other country with which I am acquainted," writes Robin H. Legge in the Daily Telegraph (London). "The Imperial Russian Musical Society, a truly amazing institution, has its ramifications everywhere throughout the whole vast extent of Russia. A small township of ten in process of time to develop. Attention is turned towards music, application is made to the I. R. M. S., whose

president is always a member of the royal family, a delegate is sent to investigate, and on things proving satisfactory the musical conditions being sufficiently good, permission is granted to found a conservatoire. Now there are many subdivisions of this society where a few years ago there were but two, at Petrograd and Moscow, of which latter Safonov was formerly director. These smaller towns begin their communal musical life, as it were, by holding classes which are promoted after exami-

nation by the aforesaid delegate into music schools. Among the places that have developed into great musical centers in this way are Charkov, Odessa, Kiev, and Saratov, all of which have now conservatoires similar to those in the capitals. One fine principle of the society is to send to all the affiliated societies, so to speak, a complete set of the programs of each of the other societies, so that every conductor knows well the music that is being performed throughout the country."

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THE CHRISTIAN SCIENCE MONITOR

"First the blade, then the ear,  then the full grain in the ear"

EDITORIAL

BOSTON, MASS., THURSDAY, MAY 20, 1915

Capital and Labor

THERE is no doubt that for some time past labor conditions have been going through an extraordinary fermentation, which as long as it lasts is always an unsatisfactory proceeding for all concerned. A feeling has been growing among the workers that their employers are chiefly concerned in making profits for themselves, and that the interests of the working man are disregarded unless he raises his voice in vigorous protest or proceeds to the extremity of a strike. This attitude, actual or supposed, on the part of the employers has led to discontent, and consequent unwillingness on the part of the working man to do his best, with the inevitable result that profits have been reduced and the possible readiness of the employer to raise the workman's wages has therefore been considerably lessened. In all this we see a vicious circle in which each party is, if he only knew it, engaged in defeating his own object.

It is a truism that to every question there are at any rate two sides. In this case there are the usual two, those of the employer and the workman, with the by no means unimportant addition of a third, namely, that of the public or consumer. It is for this reason that the problems of capital and labor affect countless multitudes besides those primarily concerned.

Now, it is safe to say that, on the one hand, the employer has been unwilling to make concessions on the basis that if he gives his employees an inch it will not be long before they demand an ell. On the other, the employee, feeling that he is being exploited, is unwilling to put forward the efforts he would be ready to make were the profits of his industry to find their way into his pocket. Nor, from the material standpoint, can one see that there would be any end to such a process—to fear and unwilling concessions on the one side, and to dissatisfaction and complaints on the other. Legislation with provisions for arbitration, is able, possibly, to effect a certain amount, the reason being that it approximates more nearly to a right standard than the arbitrary use of tyranny or reprisals. At the same time no human arrangement can ever work out a problem which, when all is said and done, rests on a purely moral basis.

Both employer and employee have been afraid to adopt the only satisfactory solution, namely, to do what ever is known to be right and to leave the rest to work itself out. Consideration begets consideration. Once let the employee see that his employer has his interests at heart and he will willingly give the best that is in him to show his appreciation of such conduct. Again, once let the employer see that the employee means to put forth his best endeavors and he will feel that he deserves and can be trusted to appreciate concessions. It will be seen, in fact, that the difficulties of both sides have been based on mutual suspicion and distrust and that a satisfactory solution of the problem is possible only on the basis of strict adherence to the golden rule by both employer and employee. The employer should not regard himself as an autocrat free to carry out whatever course his selfish inclinations may dictate, nor should the employee regard himself as the unwilling doer of the minimum of work that will satisfy a tyrannical employer. If both would regard themselves as answerable to Principle alone and as placed in their respective positions to do that only which is just and right, friction would be eliminated and the wheels of industry would move smoothly forward. There are increasing indications that a time is coming when these simple but profound facts will be clearly recognized by all.

From Great Lakes to Gulf

ON MAY 22, it is announced, the first steamboat of the Chicago, St. Louis & Gulf Transportation Company will leave La Salle, a town of considerable size on the Illinois river, by way of the Mississippi river, for New Orleans. Steamboats have made this trip in the past, but there has been no regular means of water transportation between the points named for many years. La Salle is at the head of Illinois river navigation. It is ninety-nine miles southwest of Chicago. Before a waterway available at all seasons of the year can be opened between La Salle and Lake Michigan much work must be done. Along the practical lines recently agreed to by all the individuals and interests concerned in a lakes-to-gulf waterway the necessary work is now progressing. There is a question as to the height of the dam at Starved Rock, and an incidental question regarding adequate flood protection, but these are mere details, and connection should be made within a reasonable time between deep water in the Illinois and the Chicago sanitary district canal.

Not until there shall be an open waterway between the Great lakes and the gulf of Mexico can the importance of the scheme now on the point of inauguration be intelligently estimated, although there must be considerable local or way business from the first. No doubt vast quantities of freight now carried through the lakes and the American and Canadian canals to the north will be diverted to the Mississippi route, but it is quite certain that the bulk of the products will follow natural routes. A great part of the nation's produce now is forced to take unnatural routes across the country, or to pay exorbitant railway freight rates. For grain export purposes New Orleans offers advantages to a large section of the middle West that are equal if not superior to those offered by North Atlantic ports.

A great deal is likely to be said in the near future, consequent upon the opening of the lakes-to-gulf route, with regard to the regulation and equalization of freight rates. We are told that the ultimate aim of the company now about to engage in the revival of Mississippi valley waterway transportation is to establish a differential freight service by barge operation on the Illinois, Ohio and Mississippi rivers and the larger tributaries of the two streams last named, under joint arrangement

with diverging rail lines, until a territory embracing fifteen states is brought into direct touch with the service. The public must be watchful lest some such arrangement may eventuate, as has been the case too often in the past, in the subordination of waterway to railroad interests. There is some security now, of course, in the fact that the interstate commerce commission is supposed to be observant of public interests in this respect. Perhaps if the interstate commerce commission shall insist on being a party to all rate-making there will be less probability of the consummation of a freight rate agreement that will operate eventually to deprive a waterway system of an excuse for existence.

If the railroads should consult their own best interests they would cease to fight and begin to work with the waterways, but it has long been their policy to take an opposite course, with the result that they have aroused antagonism in quarters where it would have been incomparably more profitable to have won support.

Fir Lumber and the Bridge Trust

ALTHOUGH there is no relation between the two subjects so far as known, it is nevertheless a striking coincidence that at a time when some of the western states are entering protests against the so-called bridge trust, which has to do with steel work only, there is a renewal of interest in the same section, and especially in Oregon, in wooden bridge construction. In Iowa, it is alleged, the bridge trust favors and imposes old-fashioned methods while good roads and good bridges demand progressive ideas. In Minnesota the Legislature has taken cognizance of complaints against the method of granting contracts to the big bridge companies. It has been found that contracts for bridges at or about a certain price almost invariably go to one company, at a higher price to another, and so on, the presumption being that an agreement exists between the bridge construction concerns that is practically a pool. Since all the western states are constructing new, or reconstructing old highways in these days, the matter of bridges is a very important one. It is important not only as regards the first cost of the bridges but also as concerns their maintenance.

Many engineers and builders have long insisted that wooden construction under proper conditions will outwear steel work. A late issue of the Timberman contains a testimonial to the lasting qualities of fir lumber in bridge construction from L. N. Roney of Eugene, Ore., who has superintended the building of bridges in Lane county of that state during an extended period. What he says of fir is, we think, of general interest. Speaking particularly of a wooden, Smith truss bridge, with a span of 230 feet across the Willamette river at Eugene, he says that when taken down two years ago, after it had served heavy traffic for thirty-seven years, its timbers were found to be absolutely free from all signs of decay. In his opinion the bridge would have been good for as many more years had it been possible to renew the bottom chords and to replace the piers. The trouble was with the substructure, not with the bridge. Mr. Roney calls attention to two other bridges in the same county, of 230 feet span length, one built more than forty years ago, the other four years later, both of which are in splendid condition so far as the span timbers are concerned. They also are supported by wooden piers which must be replaced every ten years. From an experience which embraces the construction of more than forty wooden bridges, Mr. Roney draws the conclusion that a superstructure of Oregon fir, if built on permanent piers of stone or concrete, with the spans carefully protected from the weather, "will outlast steel bridges, and certainly the upkeep in flooring, etc., is nothing in comparison to that of an uncovered structure."

It would be well for county commissioners and state highway commissions to look a little more closely into the relative merit and cost of steel and wooden bridges. Good roadway improvement is often postponed because of the great expense of bridge construction. The question is, whether steel bridgework is preferable to wooden, or whether wooden construction, using home material and employing home labor, thereby avoiding contact with unscrupulous trusts and equally unscrupulous contractors, is not more economical on every ground.

North Temperate Zone Sylva

THE curator of the Royal Botanic Gardens at Kew, England, writing in the Harvard Alumni Bulletin, says that the foundation of the Arnold Arboretum in 1872 by Harvard University "has proved to be the most important single event that has occurred during the last half century affecting the interests of persons concerned with the growth and study of the woody vegetation of temperate climates, either in Europe or elsewhere."

What this high English authority means by this eulogy, as we view the matter, is that through its superb collections, its far-ranging exploration expeditions, its inclusive and admirably printed technical literature, and the constant oversight for forty years by Prof. Charles Sprague Sargent, the arboretum has much increased in Europe knowledge and appreciation of trees and shrubs native to North America, and in both Europe and North America knowledge of the flora of China, Siberia and Japan. Credit for the Asiatic explorations is due to E. H. Wilson, whose achievements have won him an international reputation. Already the spoil that he has brought back has been acclimated and reproduced and is finding its way to the estates and parks of men and of cities that are awake to their opportunities.

The curator of the Kew gardens politely but frankly intimates that the arboretum really is better appreciated by European experts than it is by residents of the United States, and by Harvard alumni in particular. It is true that institutions, like men, are often not without honor save in their own country, and the smallness of the endowment of this branch of the university certainly would seem to hint at some undervaluation of one of the most renowned of the assets of the university at Cambridge, Mass.

Possibly the arboretum needs to be seen more in its civic educational service. In the first place its contract with the city of Boston by which maintenance charges are reduced—the city gaining a most beautiful park and

the arboretum much aid for its budget—is a fine illustration of what university and city may do for common ends when they wish, at any time or anywhere. Moreover it is to the arboretum that nurserymen, landscape gardeners, park managers and founders of great individual estates now turn for light on their problems; and they come from all parts of the United States and of the world. What do they find? Let the president of the American Civic Association testify: "Here is a great living dictionary, a vast growing encyclopedia, perfectly readable, and legible in all its terms." There must be persons and associations, profiting by this source of information, that some day will show their gratitude by gifts that will parallel those which other departments of the university have received.

Combining Boston's Civic Forces

THE most encouraging recent news about Boston's urban plans is to the effect that the city planning board and central council of civic organizations are working together, first to list and then to federate all the organizations that aim to better local conditions, and that now often compete in the same field of labor. Add to this enterprise a similar one, which found formal expression at the conference held at the Boston Young Men's Christian Union on Wednesday evening last, and it is apparent that a new and better day is coming, less wasteful and competitive and far more effective in shaping necessary legislation and in electing suitable public officials.

Contrasted with the similar movement that originated a few years ago and familiarly known as the "Boston 1915" crusade, this latest plan has the advantage of coming up from below rather than being imposed from above. That earlier one was admirable in its plan but somewhat premature in its heralding; and it depended too much upon the initiative and backing of a single citizen, who no doubt will be the first to welcome the more general and spontaneous demand for unification that is now finding expression.

Before this process of federation and elimination of competition among organizations has gone very far, it will probably be found that one of its distinct superiorities over the "go as you please" policy of the past will be the disclosure of the large amount of available material, upon which action may be based, that there is at the disposal of all who would use it. An illustration of this was furnished in our recent elaborate article showing how often the problems of transportation in Greater Boston had been investigated and reported upon and what an absurd policy it was to propose another expensive investigation until something practical and constructive had been done with the facts and the expert advice already in hand.

It is not for lack of light that Boston fails to advance as it should. It is because its "will to do" is not equal to its facility in inquiry. The special "interests" that are hostile to anything like civic expansion if it interferes with their income from real estate or from terminal facilities or from monopoly rights as carriers, are not at all averse to repeated investigations of the "problem," provided nothing follows investigation. But a real federation of civic organizations with a "do something policy" would at once arouse them to use of all their resources as obstructionists, and they are many. So that the projectors of this latest crusade for civic unity need to be vigilant against sowers of the tares of dissension in the fair field of cooperation.

Back to the Farm in Canada

WITH the slackening of industrial activity generally and the practical suspension of railway construction in western Canada has come a renewed demand for homesteads. This is felt more particularly at present in Manitoba, perhaps, but in Saskatchewan, Alberta and British Columbia there is also a noticeable trend farmward. As has been pointed out in these columns, the demand for public land in British Columbia has led recently to the discovery that only a fraction of the area supposedly within control of the province is now available, while the choicest agricultural acreage has been "grabbed" in large part by speculators. However, steps are being taken to undo this wrong, and it is believed that they will result in the ultimate recovery of millions of acres fraudulently transferred from public to private ownership.

The war has cut off European immigration, but many thousands of immigrants who entered other callings on their arrival in western Canada in recent years have been diverted from them since August last by the same cause. In other words, depression in the manufacturing industries and in trade has deprived these workers of the employment into which they first entered from choice or necessity, and they are now turning to the soil for a livelihood. With helpful forethought the Dominion government has induced the railroads to carry these willing workers at minimum rates to points where they may obtain a start in crop-raising. So great has been the rush toward the west that the rates for spring homesteader or settler excursions have been slightly increased. It is not always possible to place the would-be homesteaders or settlers according to their desires, but it would seem that the Dominion and the provinces are working untidily and energetically in an effort to sustain the farmward enthusiasm so that it may have a lasting influence on the country.

With this end in view it appears probable that many large tracts of fine agricultural land east of Winnipeg will soon be thrown open to settlement. The Manitoba superintendent of immigration strongly urges this course upon the Dominion government. If his advice shall be taken there can be little question that this territory will soon be developed. It is not only a promising grain country but it is equally inviting to the stock-raiser.

The fact that the farmer has been able to meet the untoward conditions resulting from the war with greater ease than the city worker has not been lost upon the latter. This is true on both sides of the line. While the townspeople have been forced to retrench greatly in order to bridge over the period of depression, the country people, so called, have had increased prosperity. Not only have the crops been good but the prices have

been high. Possibly not all of those who now may turn to the soil in Canada will remain on the farm permanently, but it is reasonable to suppose that a great percentage, feeling the freedom and independence of the agricultural calling, will cling to it, and this, surely, must be counted as compensation for loss in other directions.

Notes and Comments

THERE are two reasons which will probably prove to have influenced the Italian government in declining the Austrian terms, if it should eventually prove that these terms have been declined. The first is the desire of the country to obtain complete possession of the Istrian peninsula, which has the two great ports of Trieste and Fiume at its base angles. The development of Italy as an empire in the eyes of the Italians demands this, so that probably the least the Italians would be willing to accept, in this quarter, would be an extension of their frontier to the Dalmatian coast. The other imperative demand from the point of view, not so much of the Italian irridentists as of the Italian war office, is the extension of the frontier in the Tyrol from its present unstrategic line, on the foothills of the Alps, to the crests of the higher mountains beyond. This would make the frontier the line of mountains, pierced by the Brenner Pass, through which the railway line runs from Verona, by way of Trient and Botzen, to Innsbruck.

THAT a new ministry is to be added to the story of coalition ministries, in the United Kingdom, is today an admitted fact. The most famous of these coalition ministries was probably that known as the "All Talents," formed by Lord Grenville, at the beginning of the last century. The most questionable, that formed late in the 18th century, by Lords North and Fox. The most successful, that formed in the mid eighteenth century, by the Duke of Newcastle and Pitt. The present coalition will resemble most closely that of the "All Talents." All that can be said about it at present is that the only two of the existing ministers who are absolutely certain to retain their offices are the prime minister, whose inevitable retirement was prophesied some two or three years ago by certain papers of the American press, and the foreign secretary, whose fall was announced, as equally inevitable, just about the same time, by the Socialists of England, in the famous proclamation, "Grey must go." The new "All Talents" ministry will no doubt contain the Unionists leaders, as well as representatives certainly of the Labor party and possibly of the Irish Nationalists.

THE claims of Berlin are extremely difficult to reconcile with the denials of Petrograd. At the same time it seems impossible any longer to doubt that the Germans have won a very marked and a very considerable success in the Galician campaign. How marked and how considerable it is impossible, with the evidence before us, to attempt to estimate. It seems, however, equally impossible to doubt that it is more considerable than any they have claimed in the past. The recuperative power of Russia has, none the less, always proved one of the most disturbing facts to her opponents in war, and no person familiar with the story of the campaign of Kunersdorf, is likely to underestimate it.

POST-IMPRESSIONISM has done more for an ungrateful world than the world knows. It has given us, among other things, that jocular spot of color the wool coat. The wool coat came to stay soon after post-impressionism put its foot down in the art galleries of Europe, and it is gaining in intensity of color with every year. The new school with all its conceits and crudities flung, as Mr. Ruskin puts it, a pot of pure color in the faces of the public. It may have been the only good thing it did, but that was enough to educate the taste of the multitude once again to love color in its purity. The multitude giggled at the pictures, but liked the pure gold of the orange, the green and red of apples, and the bite of the lemon yellow. So, when next the aniline dye was rescued from its softeners and improvers, it triumphed. At first it was flitted with merely. One startling gleam sprung out in a hat or a single knot of ribbon. Then came the coat worn only by the courageous. The coat rushed rapidly from gay to blazing dyes, and was donned universally. It is not a Joseph's coat of many colors, but a coat of one burning blazing radiant tene. It dominates every scene on which it enters and fairly takes the color out of earth and sky. The first aniline dye produced was magenta. The color took its name from the battle of Magenta fought in 1859. The poor honest man loved it naturally from the beginning, but when magenta, a kind of purple red, was routed as esthetically impossible, his predilection was concealed, and the color was forgotten. Aniline dyes and the poor honest man have come into their own today. A firm in England announces a new range of brilliant colors with a new range of names, all place names made famous recently in France and Flanders. Can the wool coat grow brighter? We shall see. Meanwhile the Post-Impressionist smiles but like Brer Rabbit says nuffin.

CONSIDERED only in the light of a financial transaction the loan of \$1,000,000 negotiated in the United States for the Bolivian government is not a great matter. It is to run only one year and is intended simply to tide over a temporary difficulty in the southern republic. But taken in connection with the loan of \$25,000,000 to Argentina, with other South and Central American loans now in contemplation, and with industrial and municipal loans to Canada, it serves to emphasize the fact that in some quite important ways the European war has extended American interests, which should mean that it has also broadened the American outlook.

It is not difficult to agree with the Philadelphia Public Ledger that since the \$50,000,000 good roads resolution introduced by Senator Sproul must pass two legislatures and cannot be voted on until November, 1918, no one can accuse Pennsylvania of not being deliberate in this matter. On the other hand, this method of procedure must cause many to think what enormous savings Pennsylvania would have made in the past had its people been half as deliberate over expenditures on things by no means so badly needed as better highways in that state.